



Historic  
Houses for Sale

The Original Restoration Magazine

# Old House

JOURNAL

## PAINT & COLOR

How to Pick  
Exterior Colors

Investigating  
Early Paints

A-Frame  
Houses

Brownstone  
What It Is • Where to Get It

Fruits  
of the  
Heirloom  
Garden

AUTO \*\*\*\*\* SCH 5-DIGIT 60301

|||||

88812847600-0404

J/A05

40/017

0000

024504

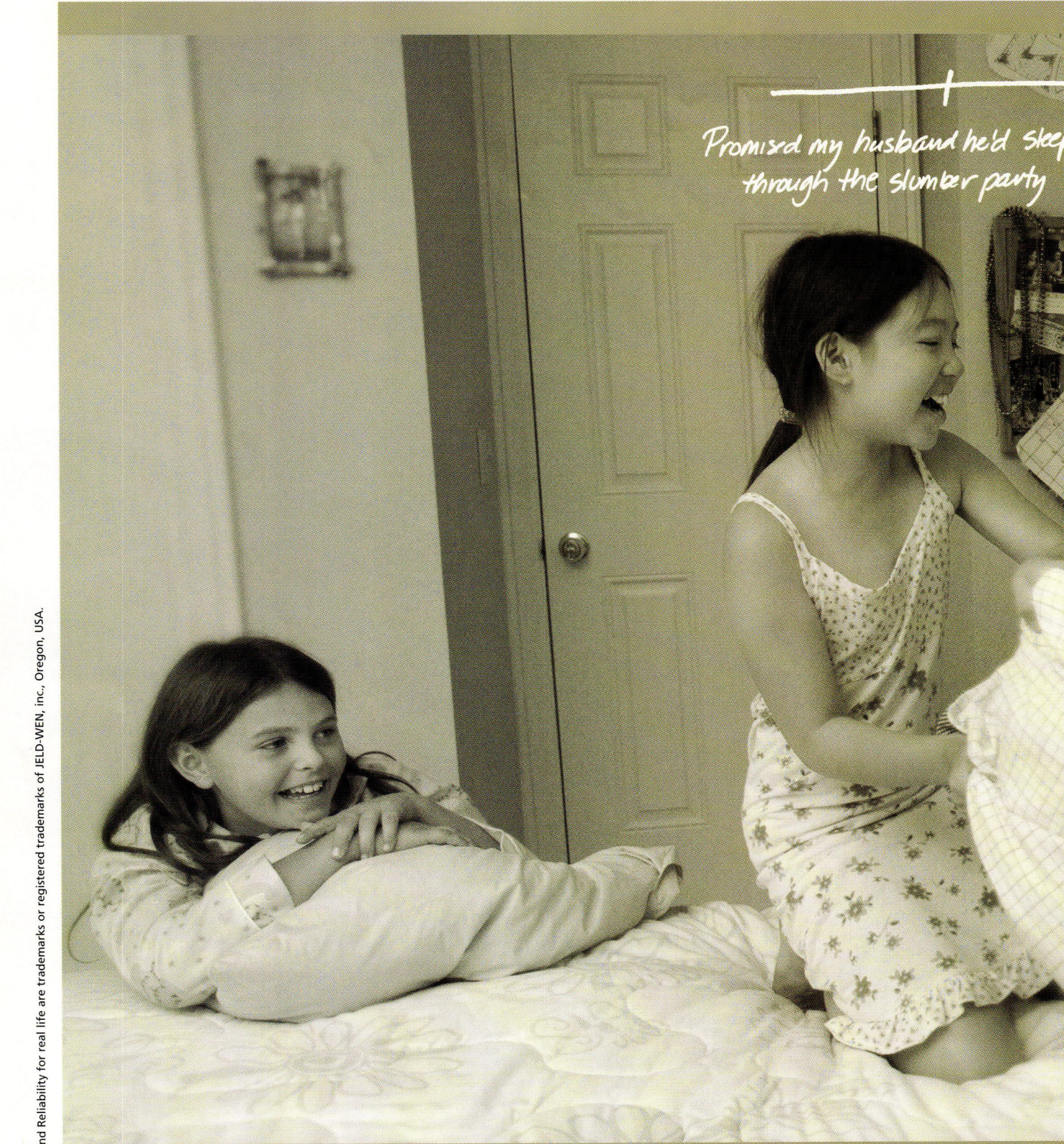
\$5.95US



0 09128 47600 1

August 2004  
A Restore Media Publication  
[www.oldhousejournal.com](http://www.oldhousejournal.com)





*Promised my husband he'd sleep  
through the slumber party*

Dads don't like to be woken at 2 a.m. any more than daughters like being shushed. JELD-WEN helps keep the peace with our ProCore® solid core doors that reduce sound 50% more than hollow core doors. They're designed to provide enduring performance and reliability like all JELD-WEN® windows and doors. That's our commitment to you. Because we keep our promises, you can keep yours. To find out more about these reliable windows and doors, visit [www.jeld-wen.com/JW10](http://www.jeld-wen.com/JW10).



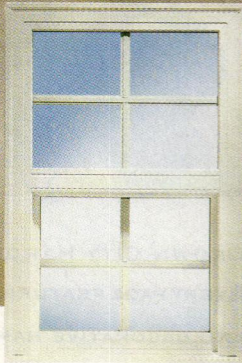
Let the girls be girls

JELD-WEN sound-reducing interior  
doors help create harmony

Promise kept



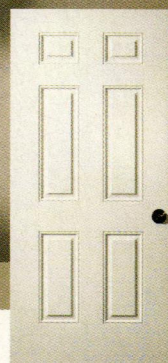
IWP® Alder 1222



Vinyl Double-Hung



Wood Geometric



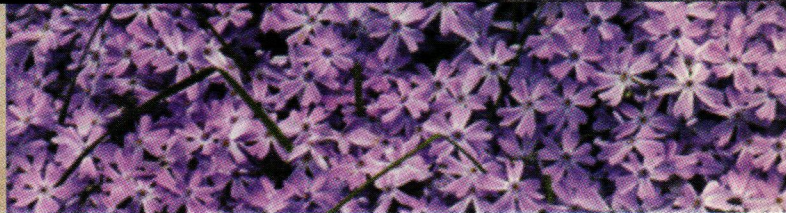
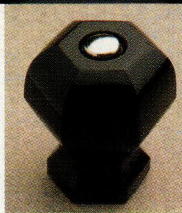
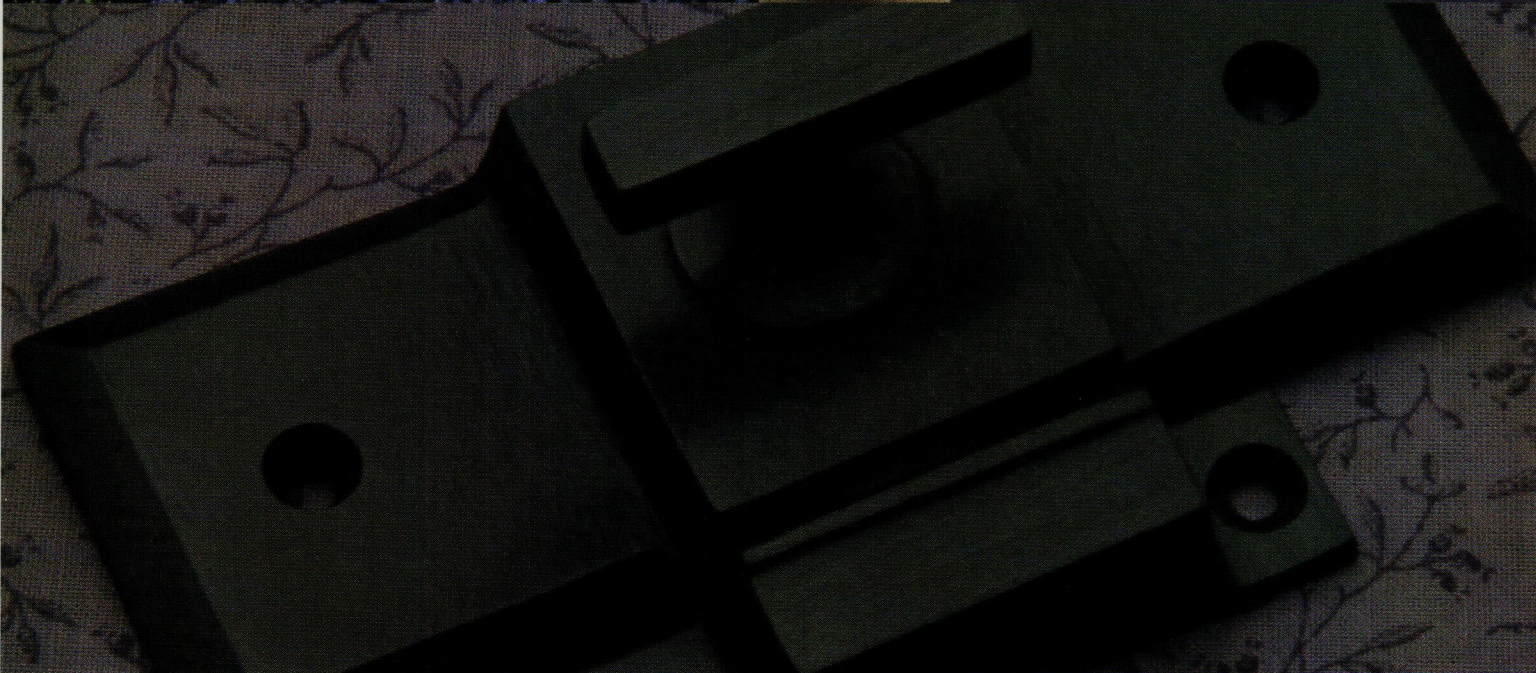
Int. Arlington

**RELIABILITY** *for real life™*

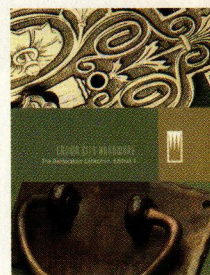
**JELD-WEN®**  
WINDOWS & DOORS



OUR NEW "READ" HAS  
"COLORFUL CHARACTERS" ON EVERY PAGE.



CROWN CITY HARDWARE'S CATALOG HAS GONE COLOR!  
EVERY PAGE FEATURES OUR LINE OF TOP QUALITY RESTORATION  
AND DECORATIVE HARDWARE WITH EYE CATCHING DETAIL AND  
VIVID COLOR. BEST OF ALL, IT'S FREE! REQUEST YOUR COPY  
AT [RESTORATION.COM](http://RESTORATION.COM) OR ORDER YOUR HARDWARE DIRECTLY  
FROM OUR SITE. WRITE FOR A CATALOG TO 1047 N. ALLEN  
AVENUE, PASADENA, CA 91104, DEPT. 09104.



"GET LOST IN THE COLORFUL DETAILS."

Circle no. 88



# Features

## 50 The Vary Best Colors

By Steve Jordan

Rochester, New York, homeowners wanted to paint their 1880s house to bridge Victorian and Arts & Crafts eras. The steps they took can be helpful for anyone planning a new old-house color scheme.

## 56 Brownstone Rides Again

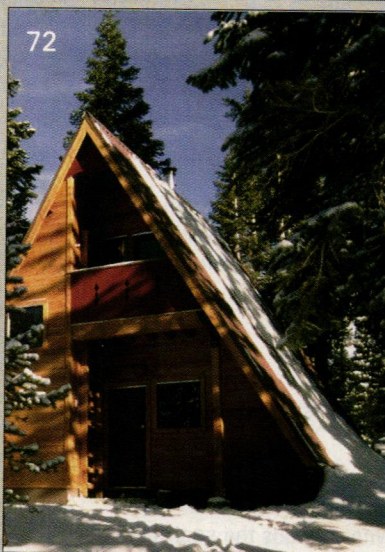
By Regina Cole

OHJ visits a newly reopened brownstone quarry in Connecticut to learn more about what brownstone is, and how such a quarry can serve as a source for repair and restoration.

## 62 Blue Ridge Rescue

By Deborah Huso

Unusual, hand-painted moulding on a 19th-century Blue Ridge house spelled its salvation from becoming firewood. It's now filled with primitive North Carolina furniture and serves as the hub of an "eco-retreat."



July / August 2004

Volume 32 / Number 4

Established 1973

### ON THE COVER:

Photo by Andy Olenick. This 1885 high-style Queen Anne in upstate New York got a colorful makeover with a period paint scheme. Story on page 50.



## 66 The Color of Money

By Alexandria M. Mason

We'll look at paint analysis methods at the House of the Seven Gables in Salem, Massachusetts, and how those methods have allowed the museum to re-create a room in authentic 17th-century colors.

## 72 The Mania for A-frames

By Chad Garrett Randl

From its rediscovery in the 1930s to becoming the essence of the American vacation house in the 1950s, the A-frame represented the fun side of mid-century modern architecture.





# Departments

**12 Editor's Page**

**14 Letters**

**19 Annunciator**

Restoration at Montpelier,  
Jane Powell's *Linoleum*.

**23 Ask OHJ**

Prefabricated houses, fuel for cookstoves.

**27 Plots & Plans**

Classical details from early  
19th-century revival architecture.

**31 Fine Design**

**35 Outside the Old House**

By Lee Reich

Got a medlar in your orchard? These and  
other fruits uncommon today—currants,  
gooseberries, persimmons—were held in  
esteem by our ancestors.

**41 Conservator**

By Allen Charles Hill

A look at historic timber-shaping methods.

**44 Essay**

By Timothy Mather

This old-house owner reveals the secrets to  
his house's melancholy past.

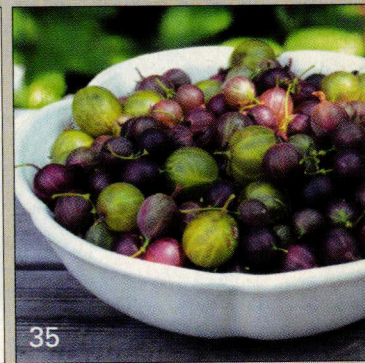
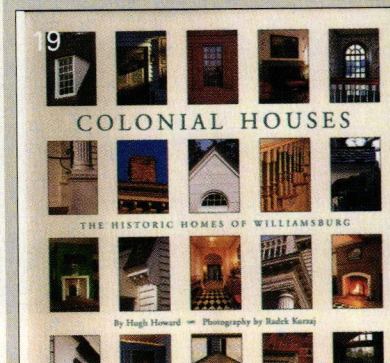
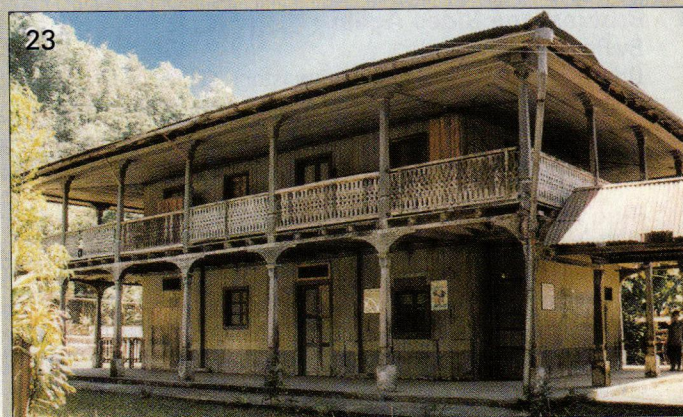
**83 Old-House Products**

**84 Suppliers**

**117 Swaps & Sales**

Historic homes for sale, antiques,  
and architectural services.

**122 Remuddling**





# VAN DYKE'S RESTORERS®

SUPPLIES FOR WOODWORKERS, ANTIQUE RESTORERS AND PERIOD HOMES

20 Year Anniversary




Call for your **Free** 312 Page **Catalog**  
**1.800.237.8833**

Ask for Department 60114G  
Online @ [www.vandykes.com](http://www.vandykes.com)



www.chandelier.com





**King's Chandelier Co.**

Traditional Crystal & Victorian Reproductions  
Chandeliers and Sconces

Color catalog \$6. 336.623.6188. crystal@vnet.net  
Dept. OJ, PO Box 667, Eden NC 27289-0667  
Visit [www.chandelier.com](http://www.chandelier.com) for our on-line catalog & prices

Circle no. 172

OAK LEAF CONSERVATORIES LTD., YORK, ENGLAND  
AMERICAN OFFICE  
**Tel: 1-800-360-6283**  
876 DAVIS DRIVE, ATLANTA, GEORGIA 30327 • Fax: 404-250-6283  
Please send \$10 for a copy of our full colour brochure

Circle no. 593

# Old House online

www.oldhousejournal.com

## New Product Info From OHJ

Now you can use OHJ's Web site to get product information directly from manufacturers. Just go to the home page, and click on "Period Products From OHJ" under the "Quick Links" headline.

## "Up on the Roof"

Skylights have long adorned American rooftops. Visit the "Magazine" section, click on this feature, and discover how to add a new version to your old house.

## Easy Does It

There's no need to call or write. Change your address, renew your subscription, or take out a gift sub online. Visit the home page, and see how simple it is.

## Restoration Exchange

A companion site to OHJ Online, the exchange is your guide to the world of building restoration and renovation.

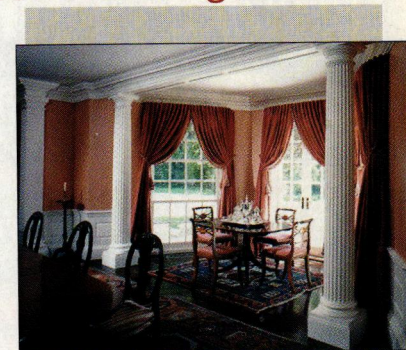
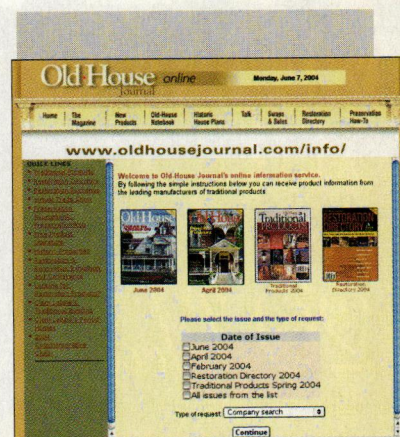
[www.restorationexchange.com](http://www.restorationexchange.com)

## Classical Gas

Scroll down the home page, and click on "Classical Columns & Capitals" for a complete report on these newly popular interior details.

## Virtual Trade Show

Looking for some of the same info pros get at industry trade events in the old-house field? You've come to the right place.







# Authentic. Period.

Arts & Crafts furniture quality custom cabinetry.  
The perfect complement for your period home.

CROWNPOINT  
CABINETS

Period styling.  
Handcrafted to the finest quality.

800-999-4994 • [www.crown-point.com](http://www.crown-point.com)





# TODAY'S ... Most Exquisite ...



## THE MISSION STREET COLLECTION®

...Is old world craftsmanship at its best ...A Beautiful Marriage of the ancient art of hand-crafting and preserving furniture with the designs and cabinetry methods inspired by the turn-of-the-century "Arts and Crafts" Movement, championed by such famous designers as Frank Lloyd Wright, Gustav Stickley, and Elbert Hubbard...

...Each piece is generously cut from carefully selected 100% solid wood—  
Then completely and lovingly built by hand from start to finish...



...The goal has been to duplicate the quality, integrity of design, and beautiful simplicity of these old works-of-art while employing modern adaptations to fit the American Lifestyle...

♦ LIVING DINING BEDROOM ENTERTAINMENT OCCASIONAL ACCESSORIES



# ...Solid Wood Mission Furniture...



...The Results are  
truly Stunning  
works-of-art to be  
handed down with  
pride to the next  
generation and  
beyond.



**ANNOUNCING  
FACTORY DIRECT  
DELIVERY**

**NOW AVAILABLE IN  
MOST AREAS**

**Call 800-278-2019 or  
visit our website  
(Address Below) for  
your Old House Journal  
Readers' Special  
Please use code:  
OHJ03035**



## Strictly Wood Furniture, Co.

HAND MAKERS OF FINE FURNITURE  
Charlotte, North Carolina

**1-800-278-2019**

**LIFETIME WARRANTY\***

\*Call or See Web Site for Details

Circle no. 350



Online Catalog:

**<http://www.StrictlyWoodFurniture.com>**



# Editor's Page

## Eyes on the Prize

Have you wondered to yourself, or whined to someone else, "When are we ever going to get this finished?" You are not alone.

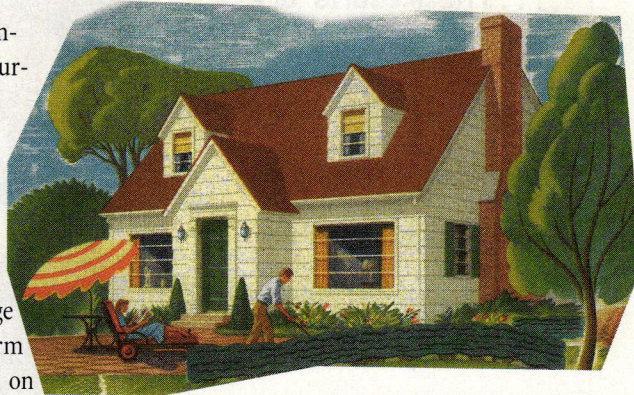
A major challenge in complex or long-term projects like working on old houses is simply keeping the original vision for the final results, then sticking to the plan and upholding standards, until you achieve them. Of course, it's often prudent to adapt to new conditions and better ideas that pop up, but the trick is to not become distracted or disillusioned before you're "out of the forest."

According to an old saying, "Children and fools should never see anything half done." These outsiders may be quick to judge the merits of a project before it's fully realized, yet we insiders who are up-close and familiar with old houses can become short-sighted too. Nobody enjoys the appearance of naked wall studs or half-patched plaster cracks, but it takes living with them for a while—sometimes quite a while—to get to the pretty, fun stuff of wallpaper and hardware and paint finishes. For example, when light fixtures, mouldings, and decorative fittings are the first things to come down in a room under repair for many weeks or months, it's hard to remember what the space originally looked like—much less how terrific the future finished room will be.

Whether you're working on the exterior or the interior of an old house, attention to detail is what makes the final product look great, but attention takes time. Like a good paint job, the bulk of most building restoration is preparation—both on-paper planning and hands-on work—before the details can come. Sure, it's time-consuming to level and square the framing for floors and walls as much as possible before the finishes go on. However, if your plan is for patterned wallpaper or a tile wainscot, these finishes are going to accentuate every wavy surface and bad angle in the final job, and you'll waste expensive materials (not to mention effort) trying to work around them.

Having a clear, tangible picture of your goal—a conceptual drawing, say, or even a photo clipped from a magazine—is very inspirational and useful, but past images can be just as much help. Taking photos of a project before you start, and then at regular stages during the work, not only documents the specific construction but also the progress you have made—providing encouraging benchmarks to take pride in when it seems there will never be light at the end of the tunnel.

In our age of instant, worldwide communications and new houses that materialize seemingly overnight like mushrooms, it requires a bit of fortitude to stay the course with old-house work and keep in mind the satisfying results ahead. As the Japanese sponsors are reported to have said in the 1870s when asked about the building they were erecting at the Centennial "Wait, till comes time, you then see."



*Edna Beck*

**Old House**  
JOURNAL

**EDITOR-IN-CHIEF** Gordon H. Bock

**ART DIRECTOR** Karen Pollard

**SENIOR EDITOR** Kathleen Fisher

**MANAGING EDITOR** Nancy E. Berry

**PHOTO RESEARCHER** John Loggins

**EDITORIAL INTERN** William Strumolo

**CONTRIBUTING EDITORS** James C. Massey

Shirley Maxwell

Marylee MacDonald

Steve Jordan

Rob Leanna

**PUBLISHER** John A. Pagliaro

**CIRCULATION DIRECTOR** Marilyn Light

**CIRCULATION MANAGER** Debra Langweil

**RETAIL SALES DIRECTOR** Mark Harris,  
National Publisher Services

**PRODUCTION MANAGER** Katie Peyton Mason

**ADVERTISING PRODUCTION  
COORDINATOR** Allison S. O'Connor

**DIGITAL IMAGING  
CONSULTANT** George Brown

**EDITORIAL AND  
BUSINESS OFFICES** Restore Media, LLC  
1000 Potomac St., NW  
Suite 102  
Washington, DC 20007

**TEL** (202) 339-0744

**FAX** (202) 339-0749

**SUBSCRIPTION INQUIRIES** (800) 234-3797



**CHAIRMAN, CEO** Michael J. Tucker

**PRESIDENT** Peter H. Miller

**EXECUTIVE  
VICE PRESIDENT** Paul Kitzke

**NATIONAL ACCOUNTS  
MANAGER** Robert P. Fox

**CHIEF FINANCIAL OFFICER** Cynthia Gordon-Nicks

**VICE PRESIDENT,  
CREATIVE DIRECTOR** Karen Pollard

**MARKETING DIRECTOR** Susan M. Steeley

**ACCOUNTING MANAGER** Shawn Williams

**MANAGER, ACCOUNTS  
RECEIVABLE** Carolyn Walsh

**ASSISTANT, ACCOUNTS  
RECEIVABLE** Roscoe Franklin

**SALES/MARKETING  
ASSISTANT** Ann Margaret Dodd

### FOR MORE INFORMATION:

Subscription Sales & Service: (800) 234-3797

Back Copy Sales & Service: (202) 339-0744 ext. 101

The Restoration Directory: (202) 339-0744 ext. 101

Traditional Products Magazine: (202) 339-0744 ext. 101

Reprint Sales: (212) 221-9595

© Copyright 2004 by Restore Media, LLC  
All rights reserved.

PRINTED IN U.S.A.

Privacy of Mailing List: We rent our subscriber list to reputable companies. If you do not wish to receive promotional material from other companies, please call us, toll free, at (800) 234-3797.



Audit Bureau of Circulations  
Founded by Clem Labine, 1973



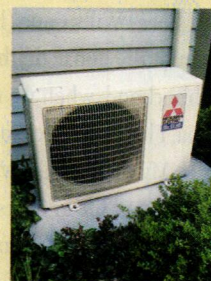
## SACRILEGE.



The sleek wall-mounted indoor unit cools and heats quietly and efficiently without blocking your windows (unlike window units).



Inviting porches. Detailed woodwork. Stained glass. These touches make older homes beautiful, but are often spoiled by ugly air conditioning units hanging from the windows. With quiet Mr. Slim® ductless air conditioning and heat pump systems from Mitsubishi Electric, any room in your home can be comfortable and beautiful. The systems don't require ductwork, making them easy to install in older homes and additions, while their sleek, wall-mounted design gives you your windows and views back. And every Mr. Slim system even comes with a handy remote controller. You love older homes for their craftsmanship. You'll love Mr. Slim ductless air conditioning systems for the same reason.



A single, compact Mr. Slim outdoor unit can heat or cool up to three rooms in your home.

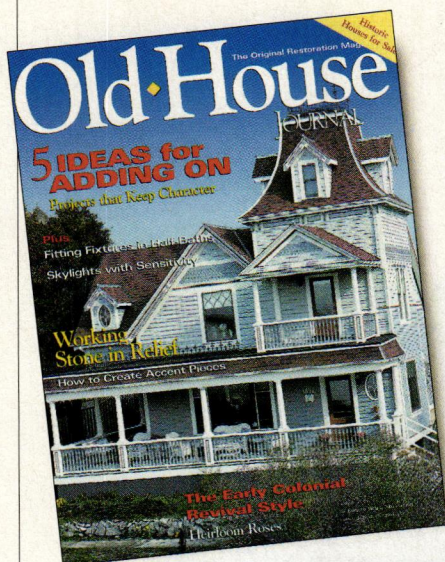
www.mrslim.com

 **MITSUBISHI ELECTRIC**

1-888-4MRSLIM



# Letters



## Growing Pains

I enjoyed your article on sensitive additions "Room to Grow" (May/ June). I have a 1,500-square-foot half Cape, and my family is growing (I'm due in October with my second child). You've given me sound advice on how to proceed with growing this little house. Thank you for a great, informative magazine.

*Elizabeth Gale*

*Brewster, Massachusetts*

## New England in Florida

It was a pleasant surprise to turn to "After the War" (March/April) and see a photograph of the house I grew up in: a Royal Barry Wills Cape (below). My parents built the house on the last lot in the neighborhood, when we moved from Tampa, Florida, to Jacksonville after World War II. My mother, always an admirer of New England life and design, researched magazines and books, and, after reading Wills's *Houses for Good Living*, ordered the

plans from his office in Boston. They were modified for Florida living.

Before my mother passed away in 2000 she was recognized as a 50-year resident by the neighborhood's San Marco Preservation Society. In 2001, our daughter and her husband moved into the house and in 2002 my granddaughter was born and now lives there as well.

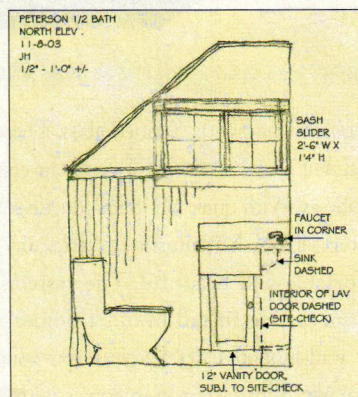
I know they would have been as proud to see the lovely photo and kind commentary about their beloved home as I was.

*Jinny Pepper Fish*  
*Jacksonville, Florida*

## Whole-Hearted Half-Bath

I enjoyed Gordon Bock's article "Half-Baths & Tiny Toilets" (May/June). The article was published at the perfect time too—I am designing an under-staircase half-bath in an 1890s house for some friends. Here's my rendering—the window, with little four-pane sliders with "hammered" translucent glass, creates a nice touch.

*Jonathan Hale*  
*Watertown, Massachusetts*



# Old House JOURNAL

## ADVERTISING SALES OFFICES

### HEADQUARTERS

**PUBLISHER** John A. Pagliaro  
1000 Potomac St., NW  
Suite 102

Washington, DC 20007

TEL (202) 339-0744, ext.102 FAX (202) 339-0749  
jpagliaro@restoremedia.com

### EAST COAST

Robert P. Fox  
27 York Ave.  
Rye, NY 10580

TEL (914) 777-1898 FAX (914) 777-0099  
bfox@restoremedia.com

### MIDWEST

Lisa A. Darr  
1000 Potomac St., NW  
Suite 102

Washington, DC 20007

TEL (202) 339-0744, ext. 121 FAX (202) 339-0749  
ldarr@restoremedia.com

### CANADA

John Magner/Colleen T. Curran  
2846 Barlow Crescent  
Dunrobin, ON KOA 1T0

TEL (613) 832-0576 FAX (613) 832-0568  
ctcurran@yorkmedia.net

### MAIL ORDER

Barbara Jones

East Coast Mail Order Sales Manager  
688 Powder Horn Row  
Lakeland, FL 33809

TEL (863) 816-2505 FAX (863) 816-1880  
bjones@restoremedia.com

### Tammy Dennis

West Coast Mail Order Sales Manager  
National Classified Advertising Manager  
225 Saint Pauls Ave.  
Jersey City, NJ 07306

TEL (201) 653-9938 FAX (201) 653-2008  
tdennis@restoremedia.com

### REAL ESTATE

Sharon Hinson, Marjorie Ellena  
Sales Managers  
2523 Grove Ave.

Richmond, VA 23220

TEL (888) 507-0501 FAX (912) 234-6296  
ohj@historicproperties.com

### RESTORATION & RENOVATION EXHIBITION AND CONFERENCE

Eric Peterson, Show Director  
Anita Delargy, Exhibit Sales  
1000 Potomac St., NW, Suite 102  
Washington, DC 20007

TEL (866) 566-7840 FAX (202) 339-0749  
epeterson@restoremedia.com  
adelargy@restoremedia.com

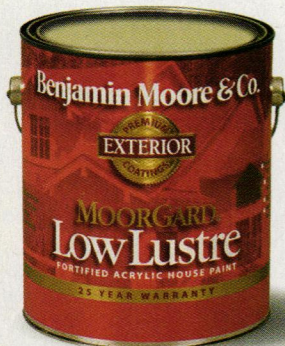


"Benjamin Moore  
calls it  
*Dunmore Cream.*

I call it  
*protecting*  
my  
investment."

When I want great looking protection for our home, I turn to a company I can trust – Benjamin Moore. Their premium exterior paints, available in thousands of colors, go on smoother, with excellent coverage. And with a 25-year warranty, I know this great look will last. Benjamin Moore® exterior

paints can be found *only* at your local Benjamin Moore® retailer, whose knowledge and expertise will help you complete your project right the first time. And whether I do the painting myself, or have someone do it for me, this is an investment I know will pay off.



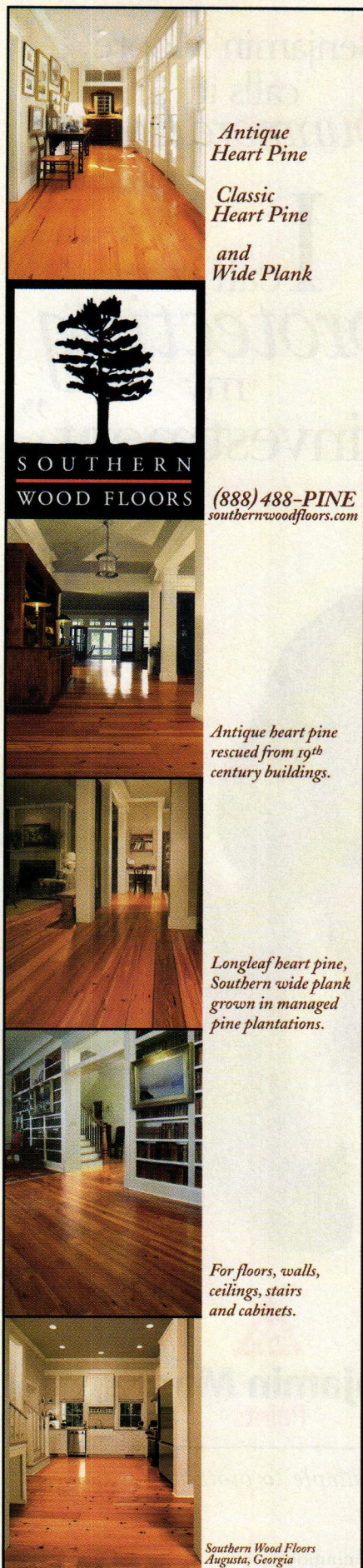
*We make it simple to protect your home.*

For a retailer near you call 1-800-6-PAINT-6 or visit [www.benjaminmoore.com](http://www.benjaminmoore.com)

© 2004 Benjamin Moore & Co. Benjamin Moore and MoorGard are registered trademarks and the triangle "M" symbol is a trademark, licensed to Benjamin Moore & Co.



## Letters



*Antique Heart Pine*

*Classic Heart Pine*

*and Wide Plank*

**SOUTHERN WOOD FLOORS** (888) 488-PINE  
southernwoodfloors.com

*Antique heart pine rescued from 19th century buildings.*

*Longleaf heart pine, Southern wide plank grown in managed pine plantations.*

*For floors, walls, ceilings, stairs and cabinets.*

*Southern Wood Floors Augusta, Georgia*

Circle no. 541

### A Sign from Above

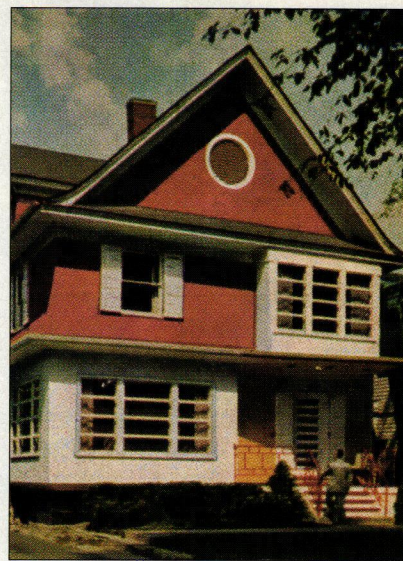
A few decades (!) ago you invited readers to send in stories of the hidden treasures they found when restoring their homes. I'm a little late but think this story is worth sharing. We live in an 1891 Victorian home that had been in my father's family for 65 years.

The property's outbuildings aren't particularly fancy and were probably thrown together quickly out of necessity. From a practical standpoint the barn should've been bulldozed, but we're a couple of romantics who feel that leveling the barn would be akin to cutting off an arm. We hired a crew of house restorers, but to trim the costs decided to do some of the site prep work ourselves.

One afternoon the job foreman casually mentioned that he found a piece of an old wooden sign when cutting through the upstairs floor. It seemed to be an old Studebaker sign used for shimming. That night my husband, Fred, carefully began removing the upper floor, and we found to our delight that the entire floor had been shimmed with these signs. Fred managed to pull out over 30 of them intact and located many more that had been cut apart to fit the spaces between the floor joists.

We later learned that these signs that advertise "The celebrated Studebaker Wagon for Sale" by the Coffin & Northrup Hardware Store date back to around the 1890s. They were made of a thin pine veneer by the Cross Press & Sign Company in Chicago. They are quite rare and rather valuable and will go a long way in funding our barn restoration. I'm convinced that someone up there is smiling down on us for saving that barn and found a way to drop the money into our laps.

*Carolyn Fritchman*  
*Boise, Idaho*



### Origins of Remuddling

We found a *Popular Mechanics* from 1955 at a flea market in Burlington, Ontario, and it has an article on modernizing that old "clunker." This picture (above) shows window and door "updates" for a Foursquare. Remuddling at its beginning? Thanks for your great publication.

*Julie and Donald Fraser*  
*Clarksville, Georgia*

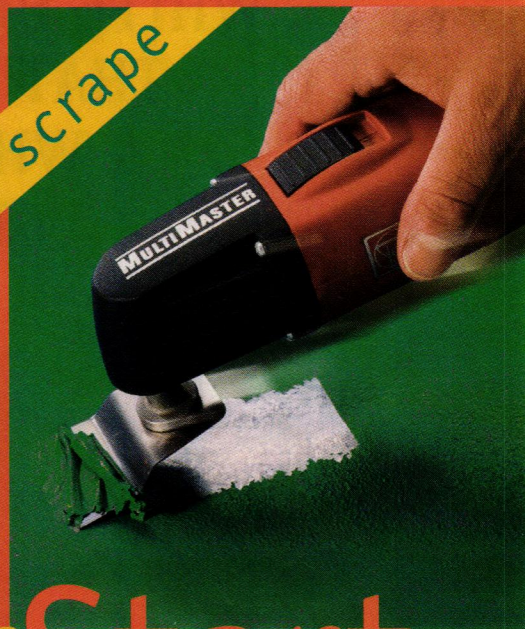
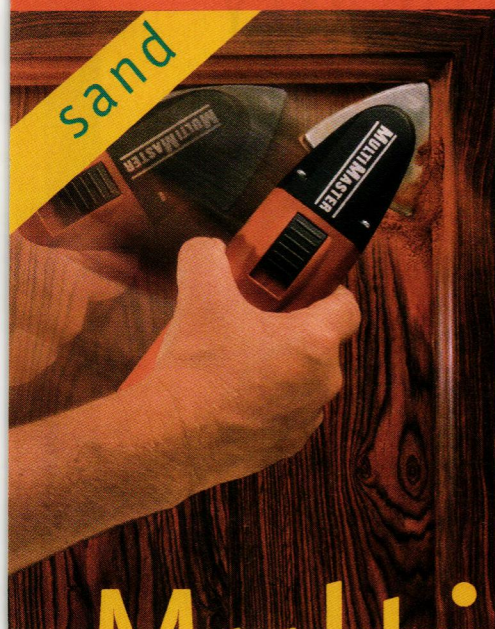
### Omission

In Ask OHJ May /June 2004, we failed to credit the mantel and hearth shown on page 25 to Fires of Tradition ([www.firesoftradition.com](http://www.firesoftradition.com)) and the cast arch and gas inset to Valor ([www.valorfireplaces.com](http://www.valorfireplaces.com)).





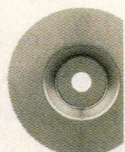
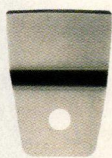
The all-in-one tool  
at a new low price



# MultiMasterStart

*New single-speed version. Just turn it on and go!*

•Detail Sander •Power Scraper •Oscillating Saw



Accessories included



Optional Professional Kit

**Go where other sanders can't.** Sand into tight corners, along window panes, between shutter slats.

**Saw where others fear to go.** Cut putty along windows and into corners, undercut door jambs. The segmented blade lets you saw right up to the adjoining surface.



The MultiMaster blade oscillates to prevent kickback, vibration or accidents.

**Finishing is just the beginning**

Circle no. 151

**Scrape cleanly and smoothly.** Glide through paint, wallpaper, caulking and linoleum. The MultiMaster does all the work!

**Just turn it on and go.** All you do is steer! And best of all, you won't break the bank. Call **1-800-441-9878** for more details and our free brochure, or visit us at **www.fein.com**.



**Fein**

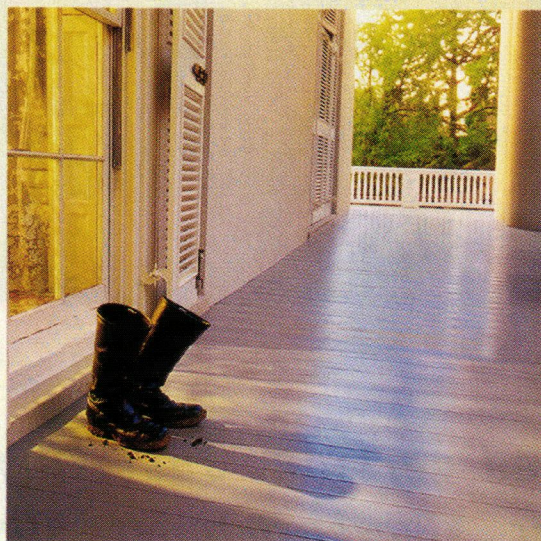
Fein Power Tools, Inc.  
1030 Alcon Street  
Pittsburgh, PA 15220



{ "The White House of the land of  
not go rotten. Look away, look away,  
cotton now has a porch that will  
look away..." (well, you know the rest.) }



## WE'VE PUT A PORCH ON THE WHITE HOUSE OF THE CONFEDERACY THAT'S GUARANTEED TO LAST A WHOLE LOT LONGER THAN THE CONFEDERACY.



When it came time to restore the White House of the Confederacy in Richmond, Virginia, curators consulted scores of historic documents to ensure that the

{White House of the Confederacy ~ Richmond, Virginia}

landmark was restored to its original wartime appearance. When it came time to replace the porch floor, they chose a product that would exactly match the planking originally used in 1818, but would also withstand the visitor traffic it receives each year.

They chose TenduraPlank® composite porch flooring.

TenduraPlank is a tongue-and-groove porch plank that comes in traditional 1-by-4 and

be painted with any high-quality exterior floor paint. Each plank is installed with a standard flooring nailer. Best of all, it's guaranteed for as long as you own your home.

Call 1.800.TENDURA or visit [tendura.com](http://tendura.com) for a free sample and brochure.



*TenduraPlank has the look and feel of the tongue and groove it replaces - with one big difference - it does not rot.*



Because it is made from by-product sawdust, no trees are timbered just to make TenduraPlank.

**TENDURAPLANK®**  
COMPOSITE PORCH FLOORING

[tendura.com](http://tendura.com) 1-800-TENDURA



## Calendar

All Summer  
WOODSTOCK, N.Y.  
**Guided walking tours of the Byrdcliffe Arts Colony**  
Sundays at 1 p.m. starting at the colony's theatre. For more information call (845) 679-2079 or visit [www.woodstockguild.org](http://www.woodstockguild.org).

July 12–16  
ASHEVILLE, N.C.  
**Explore Biltmore Discovery Day Camp**  
Kids get a taste of farm life by gardening, taking care of farm animals, and learning about water ecology. The program, for ages 7 to 10 is from 9 a.m. to 4:30 p.m. The cost is \$275. Call (866) 851-4662 or visit [www.biltmore.com](http://www.biltmore.com).

July 22  
WILLIAMSBURG, VA.  
**Legends, Ghosts, Mysteries, and Myths**  
Magic of the historic colonial area comes to life by candlelight on this one-hour walking tour. Meet at the Greenhow Lumber House; at 7 p.m. Call 800 HISTORY.

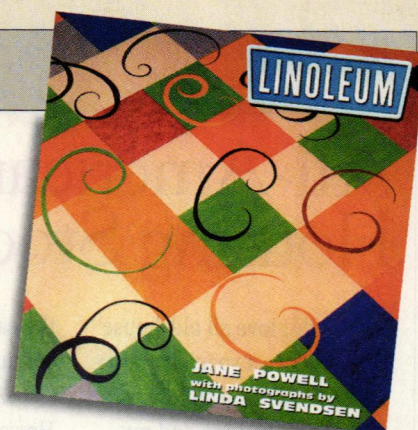
August 12 and 26  
NANTUCKET, MASS.  
**Historic Walking Tours**  
Learn about 300 years of Nantucket's extraordinary architecture with the Nantucket Preservation Trust staff and guest lecturers. The one-hour tour starts at the Coffin School at 4 Winter Street. The cost is \$10. For more information visit [www.nantucketpreservation.org](http://www.nantucketpreservation.org).

## Linoleum Lover

If you cherish found scraps of vintage floor covering, you'll love author Jane Powell's and photographer Linda Svendsen's *Linoleum* (Gibbs Smith; \$29.95; 128 pages). Through the pages of this book, Powell gives an overview of the history of linoleum's invention in 1863 until its almost complete eradication in the 1960s due

to widescale vinyl production. Powell shares wonderful antique linoleum advertisements, illustrations, and a vivid kaleidoscope of historic linoleum patterns. She delves into the care and repair of this "green" building product and how homeowners in the past could find "kitchen beauty on a budget"

with this versatile floorcovering. Powell even shares the secret of whether linoleum is impervious to kitty cat urine as well as a list of today's linoleum resources.



## Restoration Sneak Peek

In OHJ's June 2002 Preservation Perspectives J. Randall Cotton addressed the question: "What date to restore an old house to?" He used as an example the debate over the Montpelier restoration project—whether to keep the 1900 additions by the prominent duPont family or to restore the house to the 1820s, the era of President James Madison. This year restoration began to return this house, in size, structure, form, and furnishings, to the decades when the Madisons resided there. This deconstruction will reduce the building from its current 55 rooms to 22 rooms—and includes removing the lavish William duPont family additions.

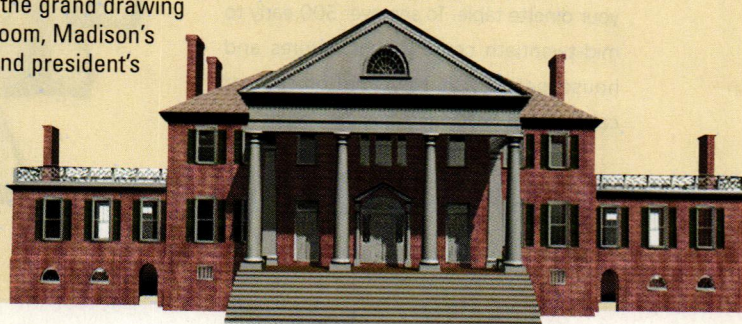
Throughout this four-year restoration, some public spaces will remain open for visitors to get a glimpse of the work taking place, such as removing the stucco façade and restoring the brick underneath, adding shutters appropriate to the Madison period, re-creating the west portico and a stairway leading from the porch to the ground, as well as the restoration of Dolly Madison's chambers—complete with crimson walls and bed hangings. The interior restoration will also reintroduce the grand drawing room, formal dining room, Madison's office, sitting room, and president's library.

"The restored mansion will bring the era of James and Dolly Madison alive in a way that has not been possi-

ble, while the new gallery will present a vivid picture of the duPont's accomplishment and lifestyle," says Richard Moe president of the National Trust for Historic Preservation. "When this project is complete, Montpelier will be one of the country's most distinctive historic sites."

To identify what dated to Madison's lifetime and what did not, researchers pored through numerous old documents—builders' accounts, invoices, visitor's recollections, and other architectural evidence, including an insurance plat drawn in 1837 (one year after James Madison's death) that documents several outbuildings, and late 19th-century photographs that show many original walls, doorways, and windows. Portions of the additions removed will be reconstructed in a new gallery to honor the duPont family's heritage.

A National Trust Historic Site Montpelier is open to the public year-round from 9:30 a.m. to 5:30 p.m. April through October and 9:30 a.m. to 4:30 p.m. November through March. To plan a trip to the museum or to read about the latest restoration efforts visit [www.montpelier.org](http://www.montpelier.org).





# All-American Housing Stock

Although I love all old-house styles, I have a special affinity for Colonial. As a child, my parents packed me and my seven siblings into the Country Squire wagon to visit Colonial Williamsburg, where I fell in love with the old buildings. It was like stepping back in time, walking among those handsome brick and clapboard structures. My imagination turned to the people who built these houses and what their lives must have been like. I knew then that our 1967 "Garrison Colonial" paled in comparison to the simple beauty of

the early 18th century.

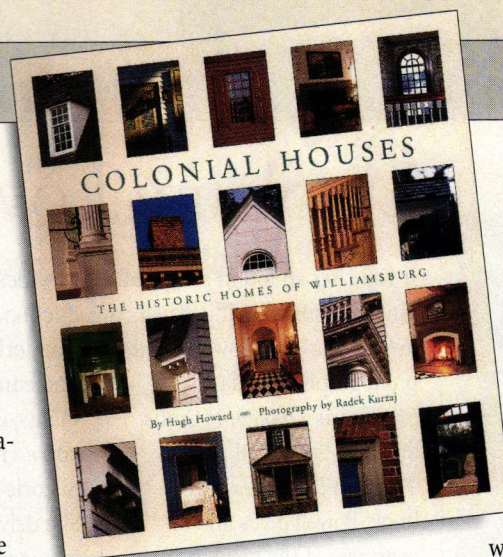
Author Hugh Howard and photographer Radek Kurzaj brought my imagination back to life in the beautifully-photographed *Colonial Houses the Historic Homes of Williamsburg* (Harry N. Abrams; \$24.95; 127 pages) Howard visits 13 meticulously preserved houses in this famous historic district where "more than 88 original buildings were identified as having survived from the early 18th and 19th centuries." Howard

gives an account of John D. Rockefeller's anonymous role in purchasing these houses and his preservation efforts to re-create the colonial "Shangri-La." Howard explores the exteriors, interiors, floor plans, and individual political and economic histories of both public and private houses such as the

home of Robert King Carter, who at the time of his death in 1732 had acquired 300,000 acres of land and 1,000 slaves, and the home of Colonel John Tayloe II who owned a profitable iron-

works and was a member of the Governor's Council. You'll learn about design, structural, and finishing details as well as how these houses have changed or been altered through time. Howard offers a glimpse of the past and reminded me of why I love the history and antiquity of this all-American style.

—Nancy E. Berry

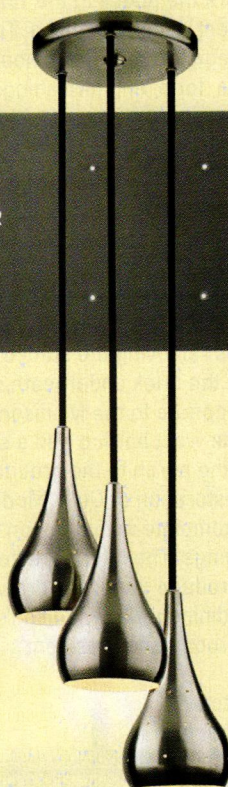


IT'LL GO PERFECTLY WITH YOUR  
NEW BLACK-AND-WHITE T.V.

*Welcome to the Space Age:* the era of Sputnik and some pretty out-of-this-world lighting. We've added a few select Atomic Age fixtures to our collection that are sure to go well with the boomerang pattern on your dinette table. To see over 500 early to mid-twentieth century light fixtures and house parts, visit [rejuvenation.com](http://rejuvenation.com) or call 888-401-1900 for a free catalogue.

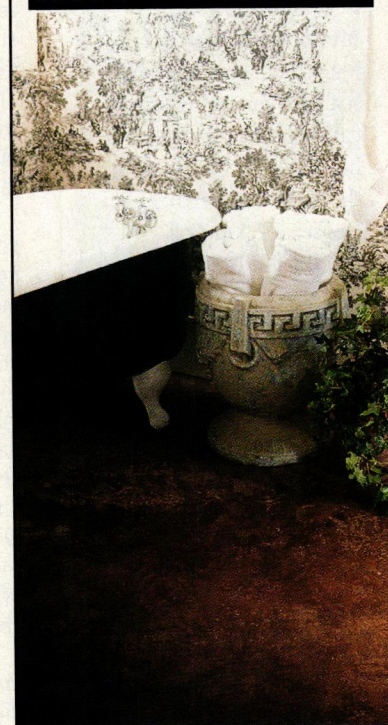
**REJUVENATION®**

Manufacturer of period-authentic lighting



Circle no. 105

**KEMIKO CONCRETE STAIN**



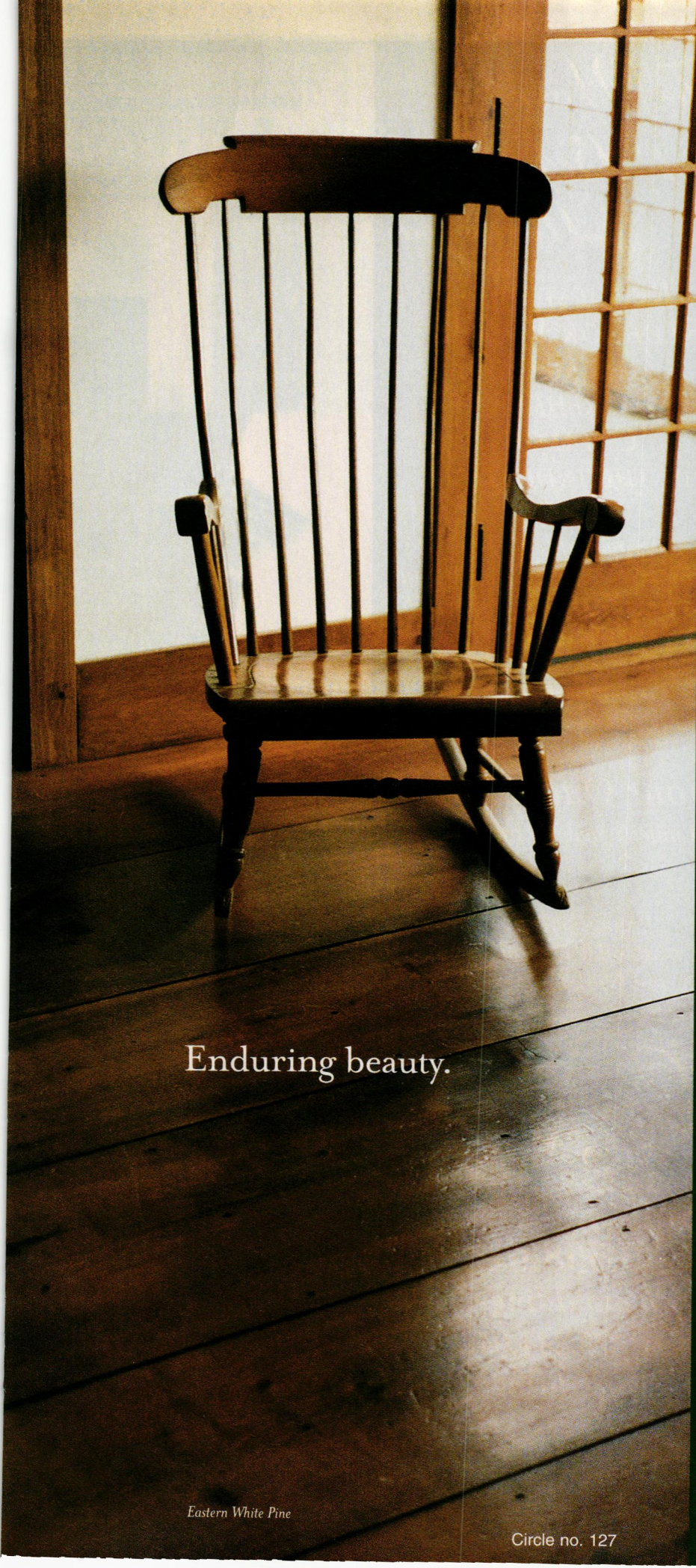
Permanent concrete stain that will not fade, chip, or peel.  
Eight colors available - Interior or exterior use - Ship nationwide  
Ask about our new Rembrandt Polymer Stain.  
[www.kemiko.com](http://www.kemiko.com)

903-587-3708

FAX 903-587-9038

Circle no. 519



A photograph of a classic wooden rocking chair with a spindle back, positioned on a wide plank floor. The chair is in the foreground, and the floor extends towards a large window in the background. The lighting is warm, highlighting the textures of the wood.

Enduring beauty.

*Eastern White Pine*

Circle no. 127

For this generation  
and those to come,  
choose the highest  
quality wide plank  
floors, finely crafted  
by the Carlisle family  
for nearly 40 years.

Call for your *free* portfolio  
800-595-9663

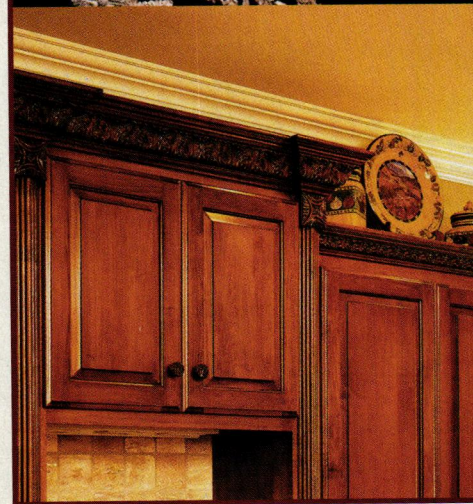



[www.wideplankflooring.com](http://www.wideplankflooring.com)

**Carlisle**  
Wide Plank Floors

Finely crafted. Trusted for generations.

Carlisle





# *The Warmth of Beautiful Hardwoods*

REQUEST OUR  
REDBOOK VOL.III  
THE MOST  
COMPREHENSIVE  
CATALOG  
IN THE INDUSTRY

Our 180 page full color catalog  
features 550 Beautiful Hardwood  
Mouldings & Woodcarvings, 78  
application photographs and the  
information you seek when mak-  
ing important decisions  
regarding your Interior Millwork.

*Your OneSource  
for Embellished Accoutrements*

In-Stock  
Prompt Shipment  
Worldwide Distribution  
Curved Work Our Specialty  
Six Distinctive Moulding Collections

# *White River™*

800.558.0119  
[www.mouldings.com](http://www.mouldings.com)  
fax 479.444.0406  
[info@mouldings.com](mailto:info@mouldings.com)

*Fabulous Finishes*

METALWOOD™

MARBLEWOOD™

Circle no. 245

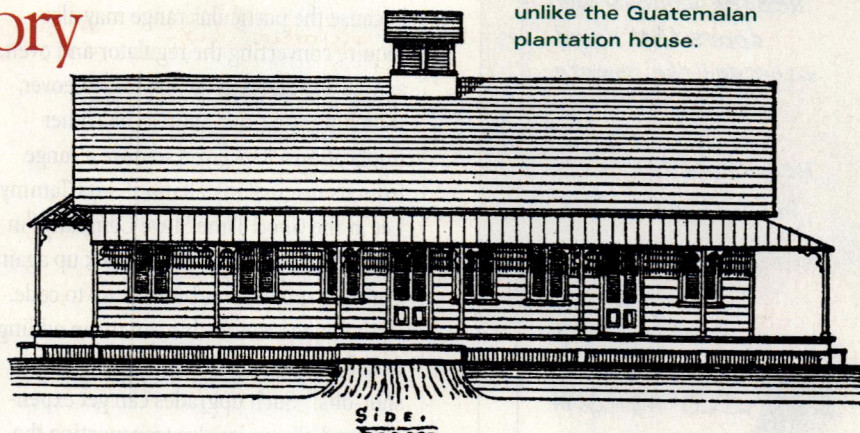


## Prefab Prehistory

While researching turn-of-the-20th-century coffee-farm architecture in Guatemala, I was told that the houses in these photos may have been imported from the United States (probably California) as portable or sectional houses. What's OHJ's opinion?

Virginia Adams  
Seekonk, Massachusetts

While books and magazines have regularly touted prefabricated houses as a revolution in construction over the last 80 years—most notably during the postwar housing crunch of the late 1940s, and again in the housing boom of our own era—recent research shows they go much farther back as a concept and successful industry. In *Houses From Books*, Daniel Reiff notes that “During the second half of the nineteenth century, several companies in the United States manufactured ‘portable’ and ‘sectional’ houses... made for shipment to California during the Gold Rush, for use in the Civil War, and for vacation cottages during the 1870s and 1880s.” Among the buildings offered in 1881 by one of these firms, The Portable House and



Designed for the tropics, the 25' x 44' Plan 18 (below) is only one example of buildings shipped knocked-down to equatorial markets in the 1880s, and not unlike the Guatemalan plantation house.



further in 1880 by manufacturing buildings for export “especially adapted for the West India, Mexico, and South America

Manufacturing Company of New York City, were dwellings for plantations “for all countries.” Should there be any doubt about what countries they had in mind, the Flushing Lumber and Building Company of New York took the idea a step

markets.” Their Plan Number 18, for example was “made for the Central American market” and designed with features (multiple porches, central ventilator) and materials (pitch pine) that were “most suited to the location.”

## Fueling Around with Cookstoves

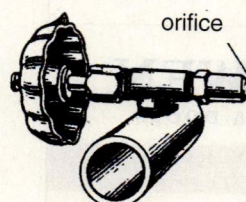
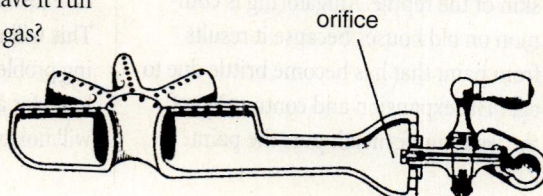
Is there something I can buy and hook up to an old gas stove in order to have it run on propane instead of piped-in gas?

Anne Cunningham  
Pittsburgh, Pennsylvania

Highly versatile because it can be delivered as a liquid and stored in tanks, propane, or LP (liquefied petroleum) gas is derived from processing natural gas or refining crude oil. It has been marketed for cooking, among other applications, since the 1920s, and many cooking ranges manu-

factured in the last 50 years are capable of being converted from natural gas to propane. Basically this involves changing the orifice fitting on each burner assembly to one with the appropriate diameter for propane.

While the process is straightforward, it is a job for a professional



Typical orifice locations on lever-handle and dial-handle range burners of the 1920s.



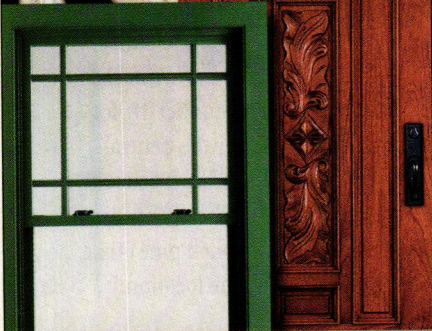
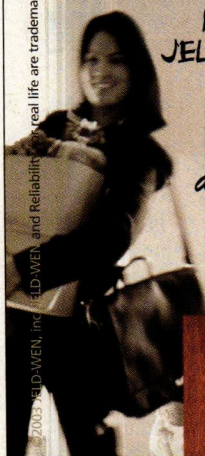
## Ask OHJ

Needed windows and doors that would withstand the climate

Researched product performance online

Found plenty of durable products at JELD-WEN.com

Mission accomplished



The JELD-WEN Web site is your ultimate resource for learning about reliable windows and doors. It has product information, design advice and a dealer locator (for when you're ready to buy).

**RELIABILITY** for real life™

**JELD-WEN**  
WINDOWS & DOORS

[www.jeld-wen.com](http://www.jeld-wen.com)

because the particular range may also require converting the regulator and oven, as well as adjusting the flame. Moreover, switching stove fuel sources has other implications. "Once you remove a range from its original installation," says Tammy Lee at the Good Time Stove Company, "in most areas you can't hook it back up again until the appliance is brought up to code. With vintage stoves, this can mean adding features like insulation and gas-safety shut-offs." Such upgrades can get expensive, and always involve transporting the range to and from the restoration specialist. Good Time Stove, however, will provide a free estimate of the work to anyone who mails them a picture of their stove and its manufacturer data to: Good Time Stove Co., P.O. Box 306, Goshen, MA 01032; [www.goodtimestove.com](http://www.goodtimestove.com).

## Crazed and Confused

Lots of the exterior trim on my 1910 Foursquare has paint that is still solidly adhered to the wood, but full of deep minute cracks that are unsightly—especially since they show the old trim color. Should I fill the cracks or simply paint over them?

Paul Martin

Lincoln, Nebraska

**T**he paint condition you describe sounds like "alligatoring"—an advanced case of crazing where the paint film fractures into myriad rectangles that resemble the skin of the reptile. Alligatoring is common on old houses because it results from paint that has become brittle due to age. The expansion and contraction of the wood underneath puts the paint

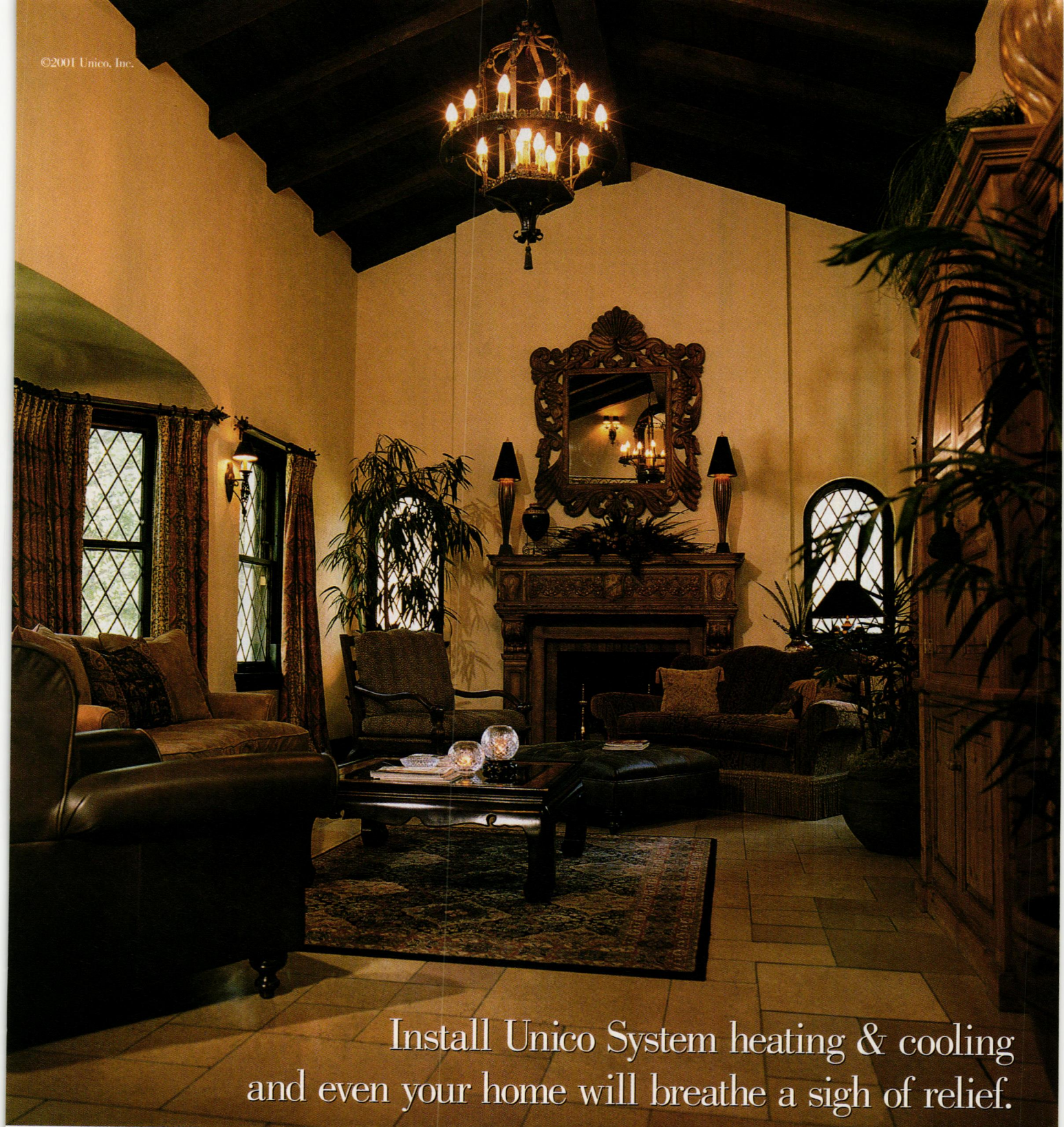
under tremendous stress, and since the film is no longer elastic enough to move with the wood, it fractures repeatedly to relieve that stress—often down to bare wood. Alligatoring is particularly prevalent and severe where there's thick paint buildup. Many quick-and-dirty painters simply brush right over alligatoring, and while a speedy recoat won't obliterate the cracks it will mask the problem—for a while, anyway. The problem is, as soon as the wood moves again in a few weeks, the cracks will return in the same locations,



The reptilian paint cracks called "alligatoring" will only come back if they are simply painted over.

this time even deeper due to the additional coat of paint. Filling the cracks is also only cosmetic and does not prevent the alligatoring from reoccurring. The solution is to remove the alligatored paint down to bare wood by a proper method, such as chemical or mechanical stripping—taking care to observe lead paint precautions. This will not only eliminate the alligatoring problem for good, but also create the basis for a smoother, crisper paint job that will hold up for many years. 🐊





Install Unico System heating & cooling  
and even your home will breathe a sigh of relief.

To learn more about this  
home and its remarkable  
case study, visit our website  
at [www.unicosystem.com](http://www.unicosystem.com)  
or call 1-800-527-0896.



2"  
Diameter  
Outlet

Now you can install a high performance central heating and cooling system without affecting your older home's architectural integrity. The Unico System's flexible mini-ducts fit easily within walls, ceilings and floors, eliminating the need for soffits. Outlets are small and subtle to match any décor. With the Unico System, you'll enjoy the superior performance of quiet, draft-free heating and cooling all year long.

**The Unico System®**





Adds a certain warmth, don't you think?

Nothing is more important to a period renovation than the perfect mantel. Our extensive line of fine cast stone fireplace mantels features classic old world designs.

Call or write for our free 38 page color catalog.

*Old World  
Stoneworks™*

Circle no. 486

5400 Miller • Dallas, TX 75206 • 800.600.8336

[www.oldworldstoneworks.com](http://www.oldworldstoneworks.com) • E-mail: [info@oldworldstoneworks.com](mailto:info@oldworldstoneworks.com)



# Greek Revival Entrance

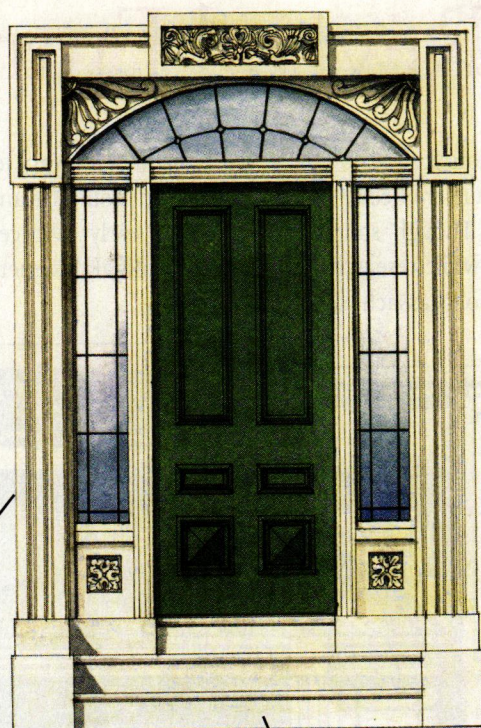
**Drawings by  
Rob Leanna**

Since the inception of OHJ's Plots & Plans over two years ago, we've always felt the Greek Revival style and the austere beauty it creates in wood would be an ideal subject for the department. Though sources for authentic early 19th-century details are rare, we got lucky while researching one of the seminal designers and popularizers of the style: Asher Benjamin of Massachusetts.

This "frontispiece" with sidelights and segmented fanlight dates to 1835 and is nicely embellished with many of the high-style motifs lavished on such an important element. The pilaster tops are decorated with a bold Greek fret—relatively simple to construct but producing striking shadow lines. In contrast, the spandrels in the corners at either side of the fanlight are filled with plain, stylized honeysuckle carvings, rich but equally effective when constructed as sawn and applied ornaments. Ever practical, even Benjamin himself noted that carved tablets above the door and below the sidelights could simply be left as plain panels should they "be thought too expensive."





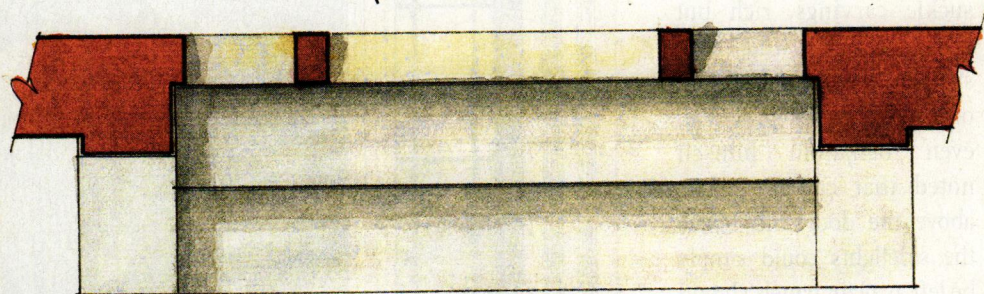


Dimensional information is uncommon on plans of this age, but Benjamin's commentary does indicate the tablet to be 36" wide, and other features can be scaled from here. He also shows projected views of critical areas to help convey the relative depth of elements. The cap at A is partially recessed behind the pilaster tops, and the pilasters are detailed at their sides. At B there is a side view of the buttress that meets the steps and forms a plinth. A top-down view of the same elements appearing in C and D is a detail of the tablet carving.

A. CAP

B. SIDE VIEW

C. TOP-DOWN VIEW



D. DETAIL OF TABLET CARVING



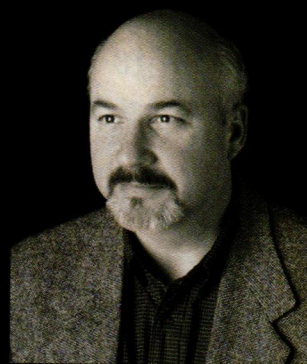


# Vines, Flowers & Trees



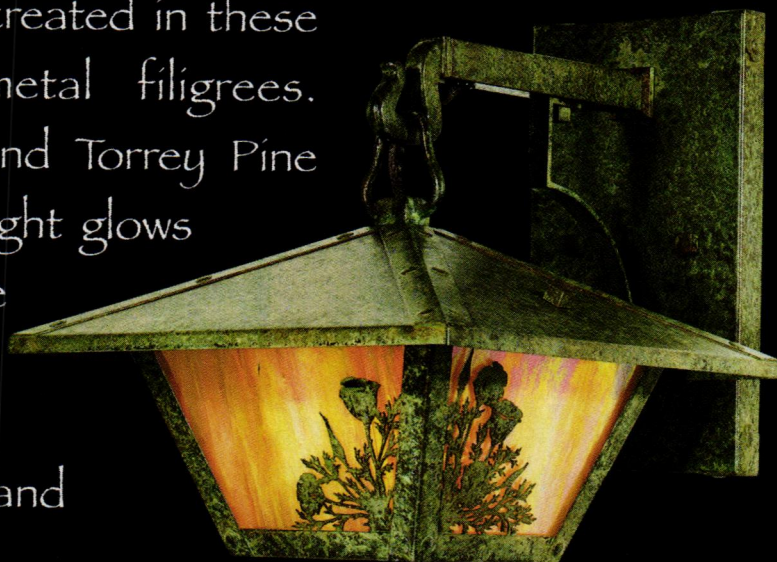
"We look to nature for inspiration in designing our beautiful filigree overlays."

Tom Richard  
President



The beauty of nature is recreated in these beautiful and intricate metal filigrees. Wisteria, California Poppy and Torrey Pine Tree designs come alive as light glows through art glass to silhouette each pattern.

We simply love what we do and it shows!



**OLD CALIFORNIA**  
LANTERN COMPANY

*"Where History and Architecture  
Come to Light"*

975 N. Enterprise Street Orange, CA 92867 • (800) 577-6679  
[www.oldcalifornia.com](http://www.oldcalifornia.com) • e-mail: [sales@oldcalifornia.com](mailto:sales@oldcalifornia.com)



# HARTFORD CONSERVATORIES

*The Original, Hardwood Conservatory.*



## *Elegant*

*The graceful Victorian (photo), the contemporary Windsor or the classic Georgian add beauty and charm to any style home.*

## *Versatile*

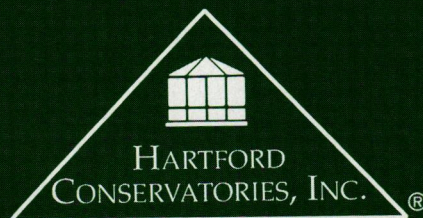
*Perfect for entertaining or just sit back and relax! Our numerous design options fit your life-style needs - breakfast nook, family room, dining room or den, bedroom or studio, hot tub...*

## *Unique*

*The quality of our hardwood conservatories and the affordability of our price cannot be matched.*

Do-It-Yourself Kits Available.

DEALERS WANTED



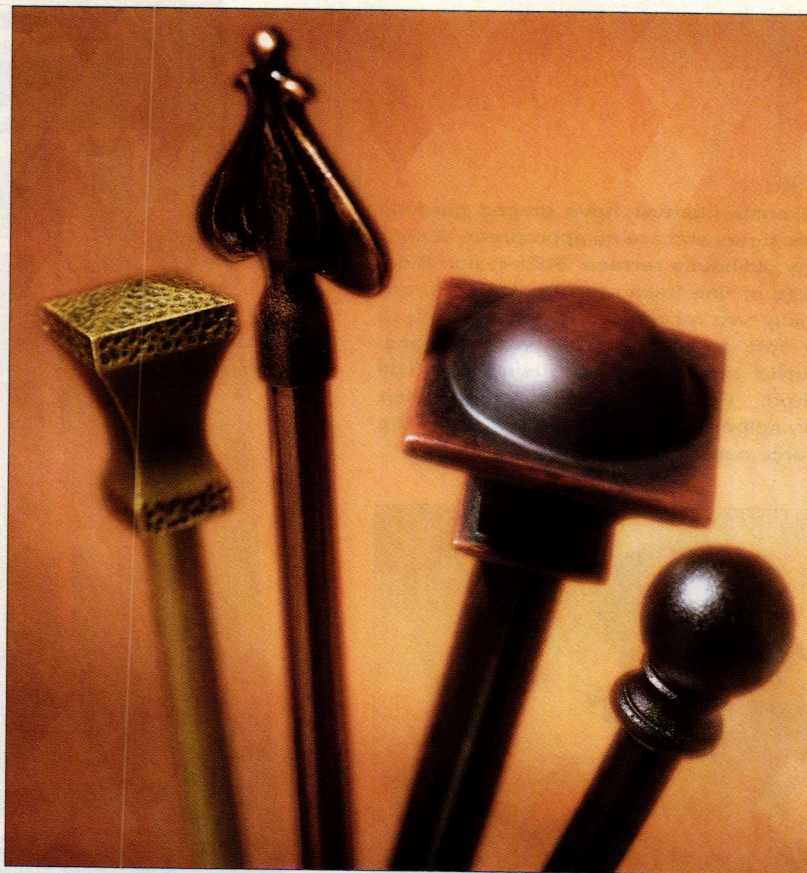
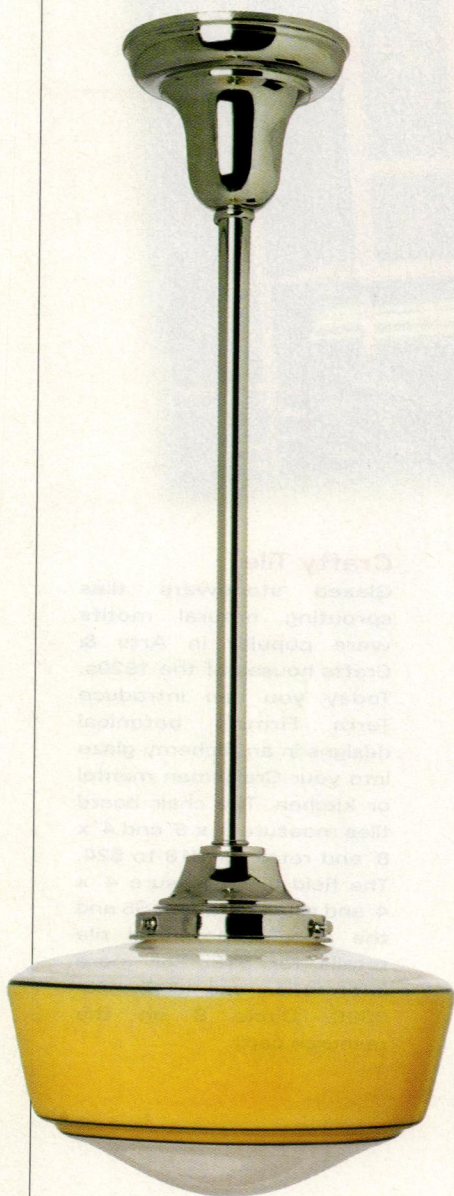
For a free brochure call 1-800-963-8700 or visit our WEB SITE <http://www.hartford-con.com>



# Fine Design

## Timelessly Trendy

Lighting fixtures like the "Willamette" were widely popular in American schoolhouses in the early 20th century, and are simple and classic enough to fit into almost any old-house interior today. Schoolhouse Electric offers more than 100 hand-blown glass shades from original molds. For more information call (800) 630-7113 or visit [www.schoolhouseelectric.com](http://www.schoolhouseelectric.com). Circle 3 on the resource card.



## Hot Rods

Alhambra Hardware Company's new "Curtains Up" collection is an evocative range of finials and tiebacks that complement the clean look of Arts & Crafts, Mission, and Craftsman-style window treatments. Offered in four cast metal designs with seven distinctive finishes, the rods also have matching rings, brackets, and tiebacks. For more information call (800) 461-0060 or visit [www.alhambra-hardware.com](http://www.alhambra-hardware.com). Circle 4 on the resource card.

## Retro Range

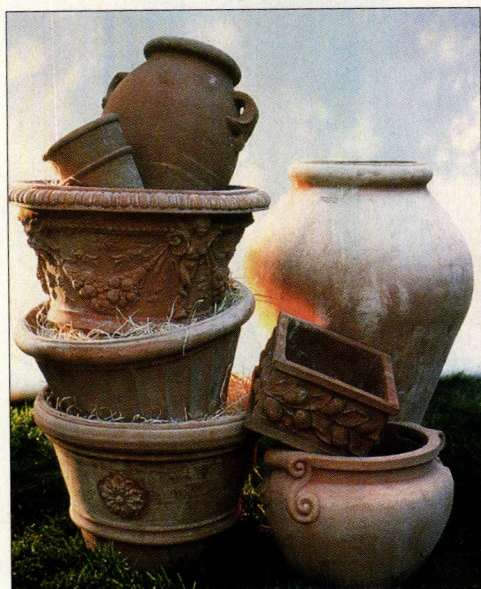
Elmira Stove Works introduces to its Northstar collection this 1940s-inspired range. The design comes with either high-speed electric elements under glass or sealed gas burners and self-cleaning gas or electric ovens and offers that nostalgic look with 21-century functionality. For more information call (800) 295-8498 or visit [www.elmira-stoveworks.com](http://www.elmira-stoveworks.com). Circle 5 on the resource card.





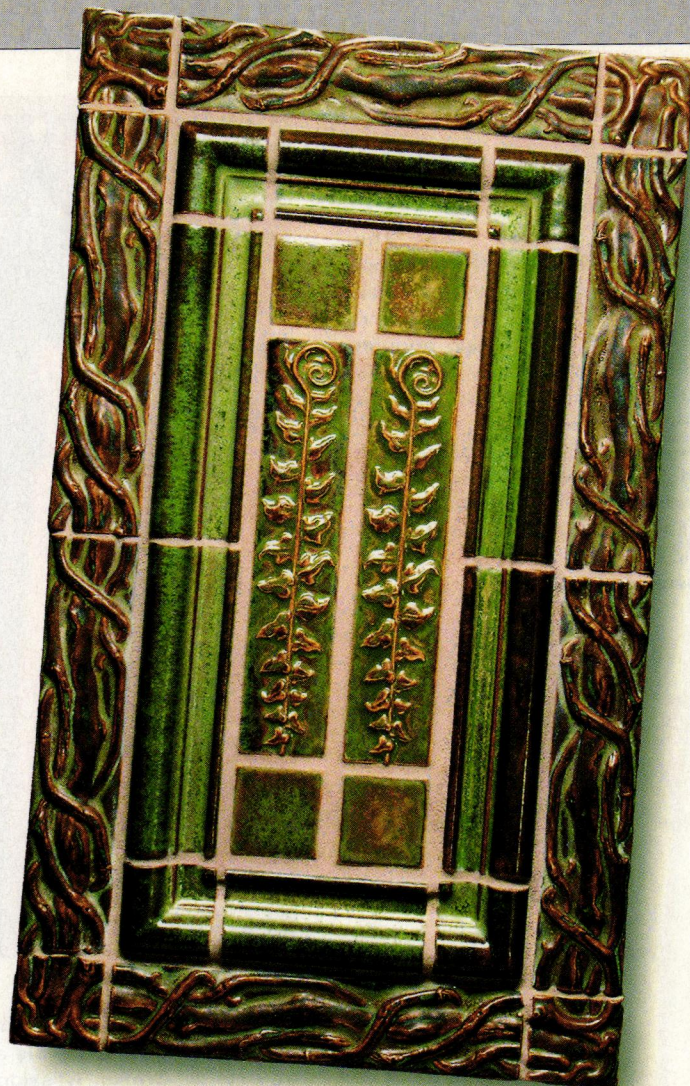
## Pot Luck

Terra cotta planters have graced gardens for centuries and are an appropriate accent to any old-house terrace. Seibert and Rice, makers of fine Italian terra cotta pots, are bringing two recognized Italian artisans to New York to re-create old-world designs. All urns are handmade using the coil method. For more information visit [www.seibert-rice.com](http://www.seibert-rice.com). Circle 6 on the resource card.



## Wonder Walls

Are your old-house walls in complete disrepair? Georgia-Pacific has come up with a sunny solution: "StyleLine Wall Boards." Shown here in sunflower, these prefinished wood panels cover a multitude of sins and are perfect when all attempts at saving the original walls have failed. For more information visit [www.gp.com](http://www.gp.com). Circle 7 on the resource card.



## Crafty Tile

Glazed stoneware tiles sprouting natural motifs were popular in Arts & Crafts houses of the 1920s. Today you can introduce Terra Firma's botanical designs in an Alchemy glaze into your Craftsman mantel or kitchen. The chair board tiles measure 3" x 6" and 4" x 8" and retail for \$18 to \$24. The field tiles measure 4" x 4" and retail for about \$5 and the 4" x 4" botanical tile retails for \$18. For more information call (803) 643-9399. Circle 8 on the resource card.



# TRIM WILL NEVER EVER BE THE SAME



New Urban Builders, Chico, CA  
AZEK materials provided by  
Mead Clark Lumber, Santa Rosa, CA



The category shift is on! The future of trim is cellular pvc and AZEK® Trimboards is the brand leader.

With unequalled Uniformity, Durability, Workability and Beauty, AZEK trim products are the perfect replacement for wood in all non-stress bearing applications.

Available in boards, sheets, cornerboards, and beadboard, AZEK fits all of your trim needs. Visit your AZEK Dealer today to see the future of trim in AZEK Traditional and Frontier textures. You, and your customers, will be glad you did.

## Truly Reversible, Truly Amazing



AZEK Frontier Series is a truly reversible trim product featuring a rustic texture on one side and smooth on the other. For the easiest installation, Frontier lies flat on either side!

# AZEK®

## TRIMBOARDS

[www.azek.com](http://www.azek.com) • (877) ASK-AZEK  
(877) 275-2935

© 2004 Vycom Corporation, Moosic, PA



# ANTIQUE HARDWARE AND HOME

Kitchen  
& Bath  
Hardware

Door  
Hardware

Shower  
Conversions

Unique  
Home Decor

(As seen on Trading Spaces!)

New Copper Tubs

Accessories

We carry everything for your home ~~except~~ <sup>including</sup> the kitchen sink!

Visit us online at [www.antiquehardware.com](http://www.antiquehardware.com)

or, call 1.800.422.9982, ask for catalog #5322 or fill out information and mail form below.

☐ **Yes!** Please send me a FREE Antique Hardware & Home Catalog.

Name

City

Address

State

Zip

Send your name & address to Antique Hardware & Home Store, 19 Buckingham Plantation Drive, Bluffton, SC 29910

Circle no. 80

Catalog #5322



## A Little Bite of History

**A taste of neglected fruits grown by our ancestors beats a sound bite any day.**

By LEE REICH

If you want to grow an heirloom fruit garden, your choices don't stop at decrepit trees that Johnny Appleseed might have planted, or even newly propagated specimens of old-time favorites like pears or cherries.

Generations past grew many fruits barely known today, which not only made enjoyable snacking and delicious preserves, but were borne on plants attractive enough to double as landscape trees and shrubs. The best reason to grow these now uncommon fruits, though, is for the unique and



LEE REICH

delectable flavors they offer, flavors you still won't find in upscale markets today.

If you walked past the kitchen garden of a 19th-century home and took a deep breath, your nostrils might fill with a sweet, spicy scent wafting from the yellow, trumpet-shaped blooms of a clove currant (*Ribes odoratum*) bush. Then you would know to return in July, when the flowers would have turned to half-inch-diameter berries, smooth, shiny, and blue black. The flavor is sweet tart and very aromatic, good popped right into your mouth or cooked into jams or tarts. In his 1845 classic, *The Fruit and Fruit Trees of America*, Andrew Jackson Downing states that the fruits "are relished by some persons." I am one of them.

Clove currant is not a bush for a formal garden. Its arching stems

often root where they touch ground and new shoots arise from spreading roots. With a bit of pruning, though, the shrub graduates from wild to informal, and with even more pruning, the bushes can be trained as small trees. As would be expected of a native to the Midwest, from Minnesota down to Texas, clove currant plants are tough, able to withstand cold, heat, and drought. Pests—even deer—generally leave the plant alone.

### Currant Status

More familiar, but still not widely grown today, are red and white currants. These fruits, the same except in color, were grown in America as far back as the 17th century. Downing lists 25 varieties. My favorites among the dozen I grow are

Above: If you think of gooseberries as small and tart, check out some of the large dessert varieties, with green, white, red, or almost black skin enclosing sweet flesh.

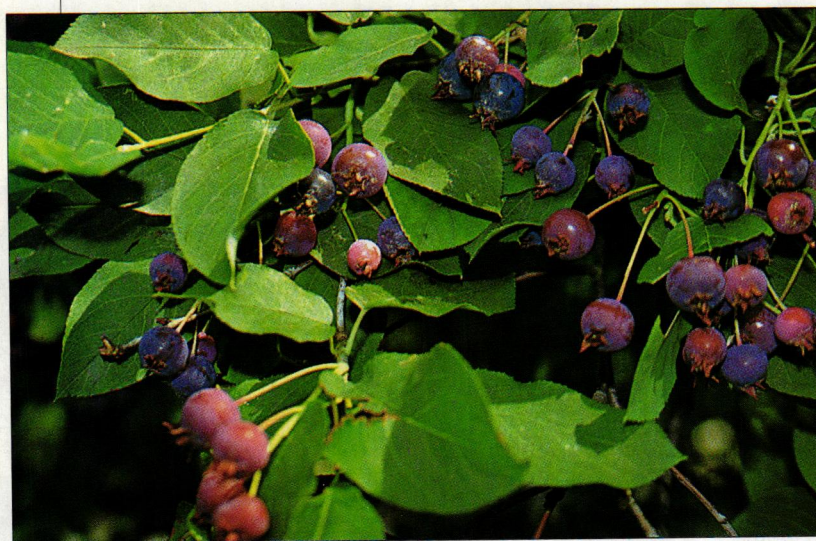


Above: Cornelian cherry, a dogwood relative, has yellow flowers in early spring, followed by attractive fruits that taste like tart cherries. Right: The spicy spring scent of clove currant flowers herald tart blue-black summer fruits, good in jam.



DAVID CAVAGNARO





LEE REICH



DAVID CAVAGNARO

Top: Interest in native plants and feeding wildlife has made *Amelanchier* an increasingly popular small tree, but you may have to race the birds to its blueberrylike produce.  
Above: Alpine strawberries are a groundcover bearing season-long fruits.

or almost black skins enclose a sweet, aromatic flesh. I compare the flavors of my best varieties with that of grapes, apricot, and plum; each variety has its own unique flavor.

Gooseberries and red and white currants fruit best if they are pruned every year to remove stems more than three years old, and if the youngest stems are thinned so they don't crowd each other. The plants can be grown as small bushes, trained as small trees, or grown as espaliers, such as the red currants I have trained on the fence around my vegetable garden. These berry plants do suffer occasionally from pests, but some varieties, such as 'Hinnonmaki Yellow,' 'Poorman,' and 'Glendale' gooseberries, and 'Red Lake' and 'Rondom' currants, are pest resistant as well as great tasting.

## Neglected Trees

In addition to these berries, our hypothetical 19th-century yard might contain some trees we wouldn't recognize today. In spring the large, solitary, white or slightly blushing blossoms of the medlar (*Mespilus germanica*) are every bit as showy as wild roses. Unlike most other fruit trees, medlar opens its flowers after the stems begin growing, so the blossoms are framed by a backdrop of dark green leaves.

I feel safe in predicting that the fruits, which ripen in autumn, will never appear in the marketplace. First, they're too ugly, resembling small, russeted apples, tinged dull yellow or

'Pink Champagne' and 'Primus'. Red and white currants rose in popularity up to the turn of the 20th century, but then were all but forgotten around 1920 when mistaken blame for spreading white pine blister rust led to a ban on them. The ban was lifted some decades ago and red and white currants are now experiencing a revival.

Leaves appear on these currant stems very early in the season, soon followed by strings of pale green flowers, not individually showy, but, taken together, give the whole bush a lacy look. The fruits, ripening in July, hang from the branches like shiny, translucent chains of beads. When they're backlit by the sun, you can see the seeds floating within the delicate spheres.

Closely related to currants and suffering the same rise, fall, then resurgence of popularity are gooseberries. Too many people consider gooseberries to be small, green, tart fruits, suitable only for cooking. In fact, there are many varieties of large "dessert" gooseberries—I grow about 30 of them—whose tender green, white, red,





*Are your priorities in*

focus?

## Metal Roofing Isn't What It Used To Be<sup>®</sup>

If protecting your home and family is a priority, choosing the right roof should be too.

DECRA Roofing Systems provide the highest level of performance in a variety of styles and colors.

A 50-year limited warranty, 120 mph wind warranty and impact resistance from hail damage are just a few of the benefits. Keep your priorities in focus, protect and beautify your home with...

**The Original Stone Coated Steel Roofing System.**

**DECRA<sup>®</sup>**

Stone Coated Steel Roofing Systems

1-877-GO-DECRA

[www.decra.com](http://www.decra.com)

Circle no. 128



## Outside the Old House

Right: Red currants are a decorative fruit that, like their white cousins, got a bad rap for spreading disease. Below right: Captain John Smith of Jamestown was a fan of the sweet and spicy American persimmon.

red, with their calyx ends (opposite the stems) flared open. "A crabby-looking, brownish-green, truncated, little spheroid of unsympathetic appearance" is how J. C. Woodsford described the fruit in *The Gardener's Chronicle* in 1939. And second, before being eaten, medlars must be bletted, which means harvested and put in a cool, moist room until their flesh turns brown and mushy.

The flavor of that brown mush is, however, delectable, something akin to rich, spicy applesauce, refreshingly brisk with winy overtones. The tree recommends itself to backyards in any century because it's also easy to care for, needing virtually nothing in the way of pest control or pruning. Medlar reached its peak of popularity during the Middle Ages but was a market fruit in Europe as late as the end of the 19th century.

You might also be surprised to find a white or common mulberry (*Morus alba*) being cultivated in the yard. This species was brought here from China so silkworms could feast on its foliage, and is rarely planted today because wild ones are so ubiquitous, but was valued a century ago. Henry Ward Beecher (reformer and brother of Harriet Beecher Stowe) wrote in 1846, "I regard it as an indispensable addition to every fruit garden; and I speak what I think when I say that I had rather have one tree of Downing's Everbearing Mulberries than a bed of strawberries." Downing's 'Everbearing', selected and propagated for its superior tasting fruits, is no longer available, but I grow another variety, 'Illinois Everbearing', whose fruits are especially tasty.

Mulberry's status as the second most common weed tree in New York City is testimonial to its tolerance to abuse in the form of drought, pollution, and poor soil. Don't plant them near walkways, or stains from fallen fruit will find their way indoors on the bottoms of shoes. Red mulberry (*Morus rubra*), a native species, is attractive in the landscape because of its large leaves. If you want an especially appealing ornamental, look for one of the weeping forms, which not only produce delicious fruit but form "tents" big enough for a small child to hide in. 🏠

*Lee Reich grows heirloom fruits in his backyard in New Paltz, New York, and is author of Uncommon Fruits for Every Garden (Timber Press, 2004).*



LEE REICH

### More Uncommon Heirlooms

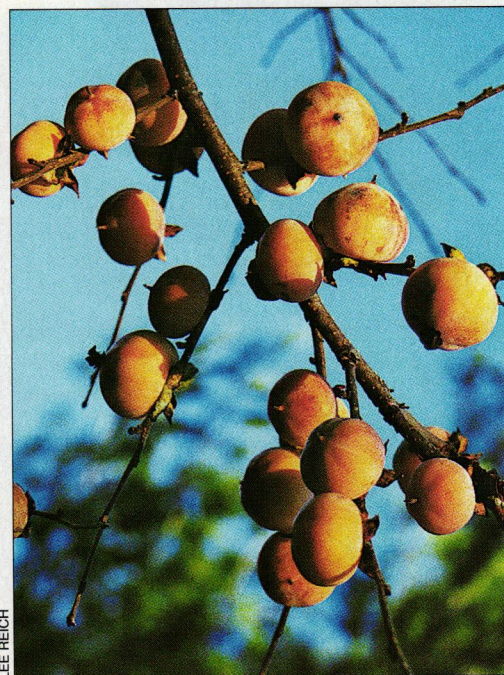
**ALPINE STRAWBERRY** (*Fragaria vesca*): These diminutive strawberries pack intense flavor and bear fruits throughout the growing season. You can buy white-fruited forms that are ignored by birds.

**AMERICAN PERSIMMON** (*Diospyros virginiana*): Highly recommended by Captain John Smith of Jamestown. Fruits are the size of small tomatoes and taste something like wet, dried apricots that have been drizzled with honey and dashed with spice.

**CORNELIAN CHERRY** (*Cornus mas*): This fruit, enjoyed by humans since Neolithic times, is a dogwood species and looks and tastes much like a tart cherry. The carefree tree is one of the first plants of the season to unfold its blossoms, which are yellow.

**JUNE BERRY** (*Amelanchier spp.*): Another early spring bloomer, Juneberry has delicate white flowers that are followed by fruits that look like a small blueberry, tasting rich like a sweet cherry with some almond flavor. It can also have colorful fall foliage. Depending on the variety, the plants are bushes or small trees. The first variety, 'Success', was selected in 1878.

For a list of  
**SUPPLIERS,**  
see page 84.



LEE REICH



# The best roof money can buy.



TCS II<sup>®</sup> Stainless Terne

**Follanshee<sup>®</sup>**

A Follanshee terne roof speaks volumes about its owner. It describes a person who discerns a higher standard. That's because only Follanshee terne roofing materials are made to last fifty, eighty, even a hundred years – with absolutely zero rust. Only Follanshee's proprietary alloy, developed through years of metallurgical research and testing, creates a terne material virtually impervious to the corrosive effects of nature.

**Follanshee – for those who demand the very best.**

Call or visit Follanshee online today to learn more.

**800.624.6906 [follansbeeroofing.com](http://follansbeeroofing.com)**

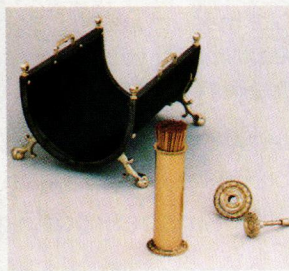
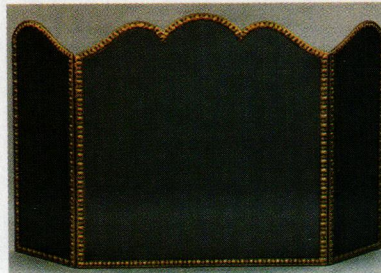
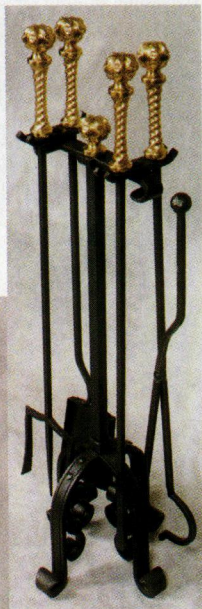
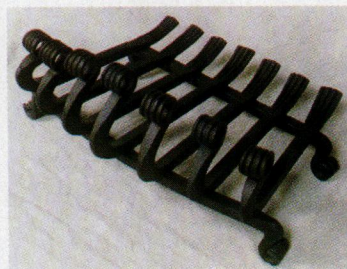




# The Hearth Collection



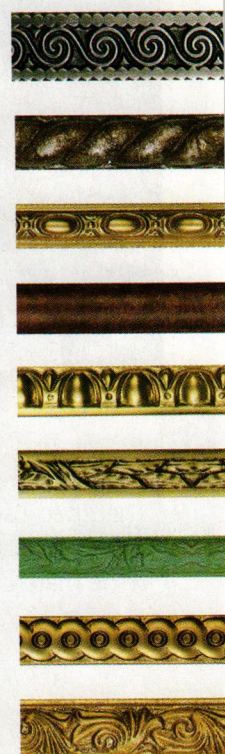
HANDCRAFTED IN AMERICA SINCE 1957



The Hearth Collection offers a wide variety of styles, from clean and contemporary to opulent antique recreations. Since 1957, we are constantly developing new ideas and design concepts to satisfy changing styles and tastes. Each piece in our collection exudes style, elegance, prosperity, confidence, graciousness and individuality.

➤ All of our products are available in a variety of colors or patinas to match other elements of your decor. There are thirty-three available finishes. All finishes have a tough, premium quality enamel coating custom formulated and baked on for protection. Different sheens (matte, velvet and gloss) are used to complement the texture and finish.

We invite you to visit our website for more information.





## Telltale Timber Techniques

**The marks of wood-shaping methods can sketch a larger picture about a house.**

One of the delights of working on old houses is the fact that we're always learning and dealing with new information. Just looking closely at the timbers supporting floors and frames, as well as comparing what we see with background information from other people and buildings, can often tell us a lot about a house's age or construction.

BY ALLEN CHARLES HILL, AIA

### Timber-Hewing Methods

A while ago we went to a workshop on hewn timber conducted by Tom Paske, an artisan/consultant from western Massachusetts, who shed some useful light on timber shaping. Historically, two primary tools were used to hew timber to size: the broadaxe and the adz. There are different working methods for each tool, and, not surprisingly, they were used for different purposes.

The broadaxe was used to hew big timbers. It was a large tool and worked fast, but left a rough surface. To hew a timber, first the axeman struck guidelines the length of the rough log, then he cut guide wedges between the lines down to the intended face of the finished timber. Next he positioned the log so that the face to be cut was vertical. Standing beside the timber, the axeman then used his broadaxe to hew off the unwanted material. A broadaxed member is typically rough and ragged. The bottoms of the guide wedges are visible as V-shaped cuts running across the grain.

An ancient tool, sometimes called the shaft-hole axe, the adz was used to hew smaller timbers and also to smooth the finish of larger broadaxed members. When worked with an adz, the timber was set with the face to be cut oriented upwards. The adze man straddled the piece as he worked and swung the adz between his legs like a sharp croquet mallet. The surface of an adzed member looks as though it has been roughly planed using short strokes.

It's a principle of structural engineering that a wooden beam is strongest for a given amount of material when it is rectangular in cross section and set with the long dimension vertical. Why then is most hewn timber roughly square in cross section? Some scholars (theoretical types) have speculated that early builders had yet to discover this principle. A more convincing

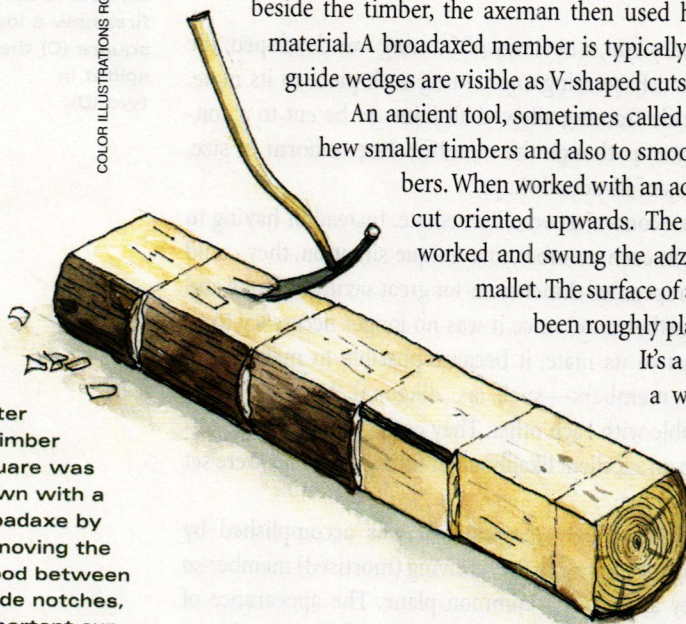
explanation, however, quickly presents itself when you remember that these large timbers were not shaped by machine-powered saws, but rather by human muscle chopping away the unwanted parts of the tree trunk. Therefore a square member yields the most wood for the least amount of hewing.

Most framing members that are not approximately square in cross section have been sawn rather than hewn. Some early buildings, however, do have rectangular hewn beams. Typically, these members were first hewn square then split down the middle to make two more or less equally sized members.



Almost every woodworking trade once had its own adz, like the one this 18th-century wheelwright used to shape the felloes of wheels.

COLOR ILLUSTRATIONS ROB LEANNA



After a timber square was hewn with a broadaxe by removing the wood between guide notches, important surfaces might be worked smooth with an adz.



It's usually easy to tell when a timber has been hewn and split even if you are not skilled in reading cut marks: the member will be roughly twice as tall as it is wide, and the two vertical faces will look different, since different methods were used to form them.

## Scribe-Rule and Square-Rule Joints

Equally revealing can be studying the mortise-and-tenon joints of the hewn-timber frames of wooden buildings. From the earliest colonial days until well into the 19th century, these joints were cut according to two very different methods, commonly known as the *scribe rule* and the *square rule*.

For centuries, the joints of building frames were formed by carefully positioning the two members to be joined and scribing (marking) the outline of the edge of the member in which the mortise (slot) was to be cut on the member that was to be tenoned (tabbed) into it. Then, when the tenon was cut, its back was formed to match exactly the contour of the other member.

As can be imagined, this procedure, known as scribe-rule framing, required a great deal of careful positioning and test fitting to produce good joints. Each joint was unique, so every member had to be fitted to its proper place in the frame. The idea of making some pieces separately from the frame and then inserting them when it was erected was inconceivable.

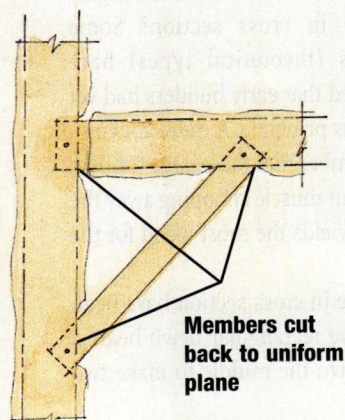
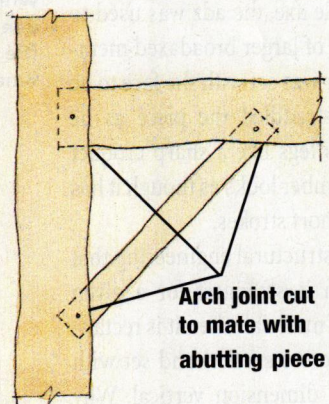
Around the time of the Revolutionary War, a new way of framing was developed: the so-called square rule. Instead of laboriously scribing and cutting each piece to its mate, square-rule framing allowed all joints to be cut to a constant plane as though the member were uniform in size, regardless of its actual shape.

The economies were immediate. Instead of having to cut and fit each member to a unique situation, they could be cut to specified dimensions for great savings in time and labor. Furthermore, since it was no longer necessary to fit each part to its mate, it became possible to make many smaller members—such as diagonal braces—interchangeable with each other. They could even be made off-site with an excellent likelihood of fitting once they were set into the frame.

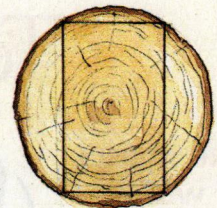
This seemingly magical feat was accomplished by recessing the joints into the receiving (mortised) member so that they all lay on a common plane. The appearance of scribe-rule and square-rule framed joints differs significantly, so it is not difficult to make an educated guess about from which side of the Revolution they date. 🏠

**Allen Charles Hill**, AIA, a longtime OHJ correspondent who specializes in historic preservation and architecture, is based in New England (Two Lisa Drive, Woburn, MA 01891; [home.att.net/~allen.hill.historic.preservation/](http://home.att.net/~allen.hill.historic.preservation/))

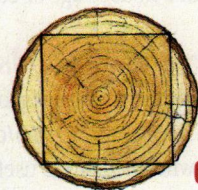
Below: In scribe rule framing, the tenoned member is scribed and custom fit to the mortised member—typically a post. Bottom: In square-rule framing, each joint is cut back to a common plane on an imaginary perfect member (dotted line).



A



B



C



D

Top: A square timber (A) uses more wood, but is less work to hew than a rectangular timber (B). Above: One way to make rectangular timbers is to first hew a log square (C) then split it in two (D).





Palu

PALU, LTD

4818 14TH AVENUE NORTHWEST SEATTLE, WASHINGTON 98107  
telephone 206.352.2252 fax 206.352.2253 website [WWW.PALULTD.COM](http://WWW.PALULTD.COM)

*Experience the style you've always imagined. Exclusively through interior designers and fine furniture stores, nationwide.*



## A House of Many Stories

BY TIMOTHY MAHER

One day in 1913, a 54-year-old leather dealer named Samuel Colleson took a leap from a second-floor window and landed in what is now our driveway. A Dr. H.P. Makechnie was summoned: He found Colleson beyond medical aid and surmised that the man had suffered from “a sudden attack of melancholia.”

Knowing that this happened doesn't scare us off. In an odd way it makes us appreciate our house even more. My wife and I grew up in suburban subdivisions where our families were the first occupants of their houses, so until now, we had no reason to think about people who had lived there before us. Then, a few years ago, we moved to Somerville just north of Boston and started looking for our own home. We knew anything we bought would be old, since the housing stock here dates from the late 19th and early 20th centuries. During the search we focused on the numbers—interest rates, asking prices. We focused on architectural charm, or lack thereof: Our eventual find, an 1892 front-gabled Italianate (originally a two-family house but now a single-family), had been stripped of most of its original details, and the clapboards were covered by asbestos-cement shingles. That people had lived here, perhaps many people, wasn't terribly relevant. The only thing that intrigued us about the previous residents was the possibility that they might have old pictures of the house showing what had been lost.

So we started looking. At the library we leafed through old, annual poll-tax directories that practically disintegrated in our hands. They contained a minimum details—names, ages, occupations—but the details told stories. There were lots of anachronistic job titles: brass finishers, tin-smiths, brakemen, framemakers. Judging

by the number of names, the house must have been a rental in its first decade or so, and it must have been crowded. Only men were listed in the poll-tax directories until 1920, when women earned the vote, but those men must have had wives, and probably children. There could have been a dozen people in the house, where now there were only two. When women finally made the directories—in a segregated list in the back of the book—most described themselves as “housewife” or “housekeeper.” One year a woman named Eleanor Colleson listed herself as a “welder.” I flipped the book shut to remind myself what year we were looking at: 1943. Perfect. Rosie the Riveter lived here.

We did a title search at the registry of deeds and began to piece together a story. Samuel Colleson bought the land in 1891, and by 1893, he was living in a house built on the property. In 1910 his adopted son Arthur moved into one of the units with his wife, Blanche. A few years later they had a daughter, Eleanor. In 1939 the family failed to pay the property tax bill, and in 1941 the city seized the property. Arthur died. Blanche and Eleanor must have been desperate. The tax bill had been \$98.02. In 1945 the city auctioned off the property. We've wondered what became of Eleanor. The young woman who'd been a “welder” now called herself a “solderer,” but the war was over, and the men would soon return to the factories. Did she lose her job as well as her home?

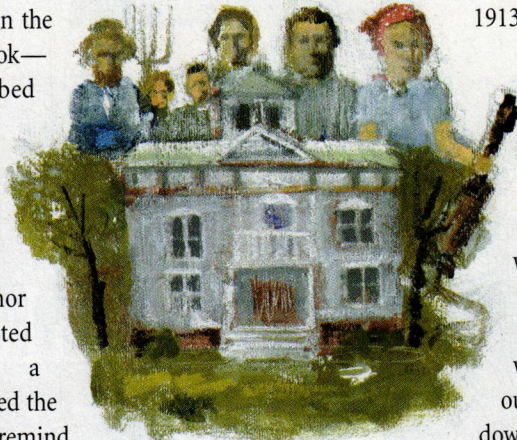
Back at the library we tracked down

obituaries. Only one turned up in the index—Samuel Colleson, the original owner, in April 1913. We sifted through the microfilm, assuming it would be one of the little notices in the back of the paper, but when nothing surfaced we went back slowly through the whole day's paper. There it was, a big bold headline: “Samuel A. Colleson Jumps from Window of His Home and Is Killed.” By 1913, he'd moved next door. The window he jumped from faced our house, and the path where he landed was now our driveway. The article described a “highly esteemed citizen” who had jumped out a first-floor window and had “lamed an ankle.” He then went up to

the second floor and jumped again. “For fully six months,” the article read, “Mr. Colleson had been in very poor health, the result of a nervous disease.” He'd been scheduled to leave on a trip to Bermuda with his brother Clarence the day the obituary appeared.

We've tried tracking down previous owners, without luck, and we never did find any old pictures. But it doesn't matter so much. We look at the staircase and wonder how many hands have touched the newel post. We know Samuel, Arthur, Blanche, and Eleanor touched it, probably thousands of times. They weren't just names in an old book but real people, living their lives. We may own it now, but it feels as much like theirs as ours.

*Timothy Maher is slowly accumulating power tools as he also works on his first novel.*



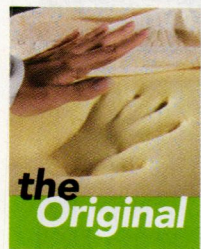


# Do-It-Yourself Sleep Repair Kit

The Tempur-Pedic Weightless Sleep bed actually *molds itself* to your body. Our sleep technology is recognized by NASA, raved about by the media, and ours is the only mattress recommended by over 25,000 medical professionals worldwide.

Yet...this miracle has to be *felt* to be believed.

Although the thick, ornate pads that cover most mattresses are needed to keep the hard steel springs from poking through, they create a "hammock effect"—and can actually *cause* pressure points. Inside our bed, billions of microporosopic memory cells function as *molecular springs* that contour precisely to your every curve and angle.



Tempur-Pedic scientists used NASA's early anti-G-force research to invent a new kind of viscoelastic bedding—TEMPUR® pressure-relieving material—that actually *self-adjusts* to your bodyshape, bodyweight, bodyheat. It's why millions are falling in love with the first *really* new bed in 75 years: our incredible Weightless Comfort™ marvel.

Please telephone, without the least obligation, for a FREE DEMONSTRATION KIT.

A perfect refuge  
from the cares  
of the day.

You'll enjoy the miracle of  
**Weightless  
Sleep**™



THE ONLY MATTRESS  
RECOGNIZED BY NASA  
AND CERTIFIED BY THE  
SPACE FOUNDATION ♦



Free Sample/Free Video/Free Info  
**888-570-9449**

or fax 866-795-9367





# Bubbles, Reams, Seeds & Waves.

## It's Perfect!

Restoration Glass® from Bendheim.

The world's finest mouth-blown window glass found in our country's most prestigious restorations, including the White House, Mount Vernon and Monticello.

Subtle imperfections allow historically accurate detailing of homes, buildings and furniture.

Made exclusively for Bendheim by Germany's Glashütte Lamberts – Europe's premier manufacturer of mouth-blown glass. Each sheet is hand selected to ensure only the finest quality.

No other glass compares to Restoration Glass® - available in two levels of obscurity.

Look for the label – your guarantee of authenticity.



[www.originalrestorationglass.com](http://www.originalrestorationglass.com)

**BENDHEIM**  
since 1927

Bendheim East  
800-221-7379

Bendheim West  
888-900-3064

Circle no. 123

## SCAD e-learning

### Online Distance Education Programs

**Graduate Certificate in Historic Preservation**  
**Master of Arts in Historic Preservation**

For a listing of additional online programs, visit the Web site.

The Savannah College of Art and Design has been recognized by the Georgia Trust for Historic Preservation and the Victorian Society in America, among others, for adaptive reuse of historically significant buildings.

**Savannah College  
of Art and Design**

Savannah, Georgia USA | 800.869.7223 | [www.scad.edu/elearning](http://www.scad.edu/elearning)

Circle no. 503

**"Traditional porch screening presents obstacles. ScreenTight™ presents opportunities."**



**Tina Lohr**  
Certified Remodeler  
S.D. Lohr, Inc.  
Waldorf, MD

U.S. Patent #4899797  
Patented Screen Porch

"Flexible, adjustable and forgiving, ScreenTight™ is a remodeler's dream. It's so easy to adapt to custom designs, even curves and large openings. Whether it's an older home or contemporary, this system makes traditional wrap-around staple screening obsolete. And best of all, my clients like it."



**For a free sample of the ScreenTight™ system, call 1-800-768-7325. Or visit [www.screentight.com](http://www.screentight.com)**

Circle no. 469

## The Original and still the best. OLD-HOUSE JOURNAL'S Restoration

**Directory** is a comprehensive directory of suppliers who make everything from wide plank flooring and hand-forged copper sinks to Victorian sofas and Craftsman lighting. You'll find nearly 2,000 suppliers of bathroom fixtures and faucets, building materials, lighting, decorative accessories, furnishings of all

types and styles, and a whole lot more.

## Now On Sale

\$9.95 at major bookstores, newsstands, and specialty retailers nationwide.

To order by phone (\$9.95 plus \$5 shipping and handling), call (202) 339-0744 ext. 101, 9 a.m. to 5 p.m., EDT, Mon-Fri.

*Where To Find Hard-To-Find Stuff*



**Old-House**  
JOURNAL

Circle no. 1



# We make installing a spiral straightforward.

## Metal Spirals

from  
**\$425**

### Features:

- Steel Construction
- Landing & Rails
- All Required Hardware
- Install Manual & Video

### Options:

- Any Floor-to-Floor Height
- Diameters 3'6" to 7'0"
- BOCA/UBC Code Models
- Custom Welded Units
- Aluminum Construction
- Hot Dipped Galvanizing
- Many More Available --



## Oak Spirals

from  
**\$1575**

### Features:

- All Red Oak Construction
- Landing & Rails
- All Required Hardware
- Install Manual & Video

### Options:

- Any Floor-to-Floor Height
- Diameters 4'0" to 6'0"
- BOCA/UBC Code Models
- Turned Spindles
- Solid Oak Handrails
- Finger Groove Rails
- Many More Available --



## Victorian One®

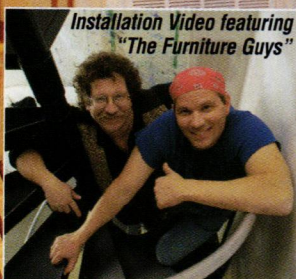
from  
**\$3300**

### Features:

- Cast Aluminum Construction
- Landing & Rails
- All Required Hardware
- Installation Manual

### Options:

- Any Floor-to-Floor Height
- Diameters 4'0" to 6'0"
- BOCA/UBC Code Models
- Brass Handrails
- Cast Scroll Tread Ends
- "Antique" Baked Finish
- Many More Available --



## The best selection, quality, and prices!

Since 1931, The Iron Shop has enjoyed a reputation for outstanding design and fabrication of custom built spiral stairs. Today, we utilize computer-aided technology throughout our production process to guarantee that each stair meets exacting standards—successfully mixing state-of-the-art manufacturing with Old World quality.

Offering the largest selection, highest quality, and lowest prices in spiral stairs—we make sure that you get the right spiral to meet your needs. This has made The Iron Shop the leading

manufacturer of spiral stair kits, with over 100,000 satisfied customers worldwide. And our spirals are still made with pride in the U.S.A.

Call for the **FREE** color Catalog & Price List:

**1-800-523-7427** Ask for Ext. OHJ

or visit our Web Site at [www.TheIronShop.com/OHJ](http://www.TheIronShop.com/OHJ)

Main Plant & Showroom: Dept. OHJ, P.O. Box 547, 400 Reed Road, Broomall, PA 19008

Showrooms / Warehouses: Ontario, CA • Sarasota, FL • Houston, TX • Chicago, IL • Stamford, CT

# THE IRON SHOP®

The Leading Manufacturer of Spiral Stair Kits®

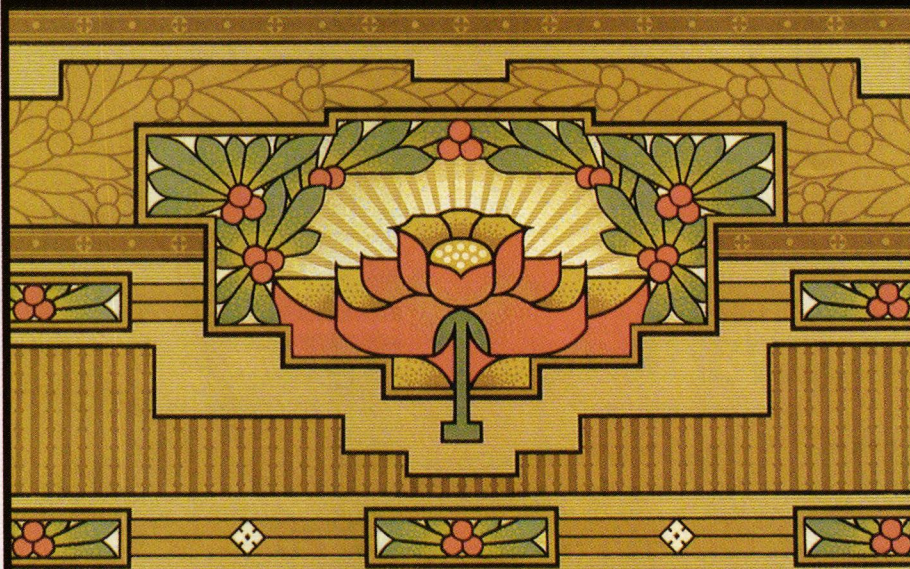


©2003 The Iron Shop

"The Furniture Guys" is a registered trademark belonging to Ed Feldman and Joe L'Erario



**NEW! at bradbury.com**



## CORONA FRIEZE

from our expanding collection of Arts & Crafts Wallpapers

**BRADBURY & BRADBURY ART WALLPAPERS**

(707) 746-1900

[www.bradbury.com](http://www.bradbury.com)

Circle no. 125

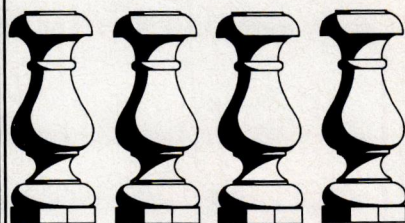
## CUSTOM WOOD TURNINGS LLC

- Hand rail & fittings
- Balusters
- Newel posts
- Porch posts
- Columns
- Fluting
- Spiral rope twist
- Finials
- Furniture parts

[www.customwoodturnings.com](http://www.customwoodturnings.com)

Ship nationwide

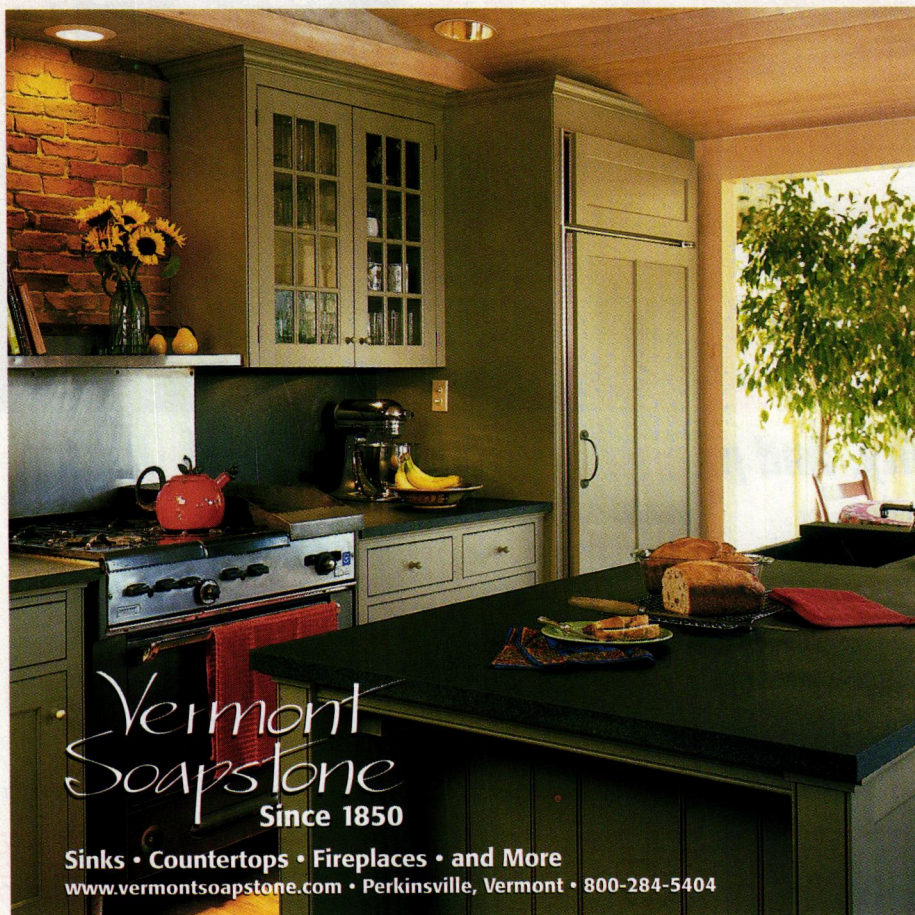
Send \$5.50 for catalog



156 Main St., P.O. Box 338, Dept JHO  
Ivoryton, CT 06442

(860) 767-3236 Fax (860) 767-3238

Circle no. 142



*Vermont  
Soapstone*  
Since 1850

Sinks • Countertops • Fireplaces • and More

[www.vermontsoapstone.com](http://www.vermontsoapstone.com) • Perkinsville, Vermont • 800-284-5404

Circle no. 406



**Elevette®**

The most custom choices. The best warranty. The longest history of reliability. The easiest decision.

CUSTOMIZATION + RELIABILITY

**INCLINATOR**  
COMPANY OF AMERICA

800-343-9007 • Dept. 21  
[www.inclinator.com](http://www.inclinator.com)

Circle no. 234





Old House  
JOURNAL

### What Are The Award Categories?

Sympathetic Addition  
Kitchen Renovation or Addition  
Bathroom Renovation or Addition  
Exterior Rehabilitation  
Interior Rehabilitation  
Adaptive Reuse  
Infill Residence  
Landscape Design

## The 2005 Great American Home Awards®

**T**he Great American Home Awards®, presented by the National Trust for Historic Preservation and OLD-HOUSE JOURNAL, is a national competition recognizing outstanding residential rehabilitation projects in the United States. Established in 1989, the contest honors homeowners and professionals for their dedication to the ideals of preservation, as well as for their commitment to excellence in rehabilitating old houses.



### What Homes Are Eligible?

- The building must be located in the United States and must now serve exclusively as a single-family residence.
- Structures must be at least 50 years old.
- Projects must have been completed within the past five years.

### Why Enter?

- Exposure to more than 1 million readers in OLD-HOUSE JOURNAL and *Preservation* magazines.
- Weekend stay at a participating Historic Hotels of America.™
- Award plaques presented to each winner.

# Call for Entries

### For an application call:

1-800 315-NTHP (6847)

or go to

[www.oldhousejournal.com](http://www.oldhousejournal.com)

**Deadline: November 15, 2004**

### Who May Enter The Contest?

The design awards program is open to **homeowners, professionals** (architects, contractors, craftspeople, designers) who are substantially involved with the project, and **third parties** (preservation organizations, municipal governments, individuals) who know of outstanding projects in their communities.





BY STEVE JORDAN

# The VARY

Color cards made from sample paint quarts, and tweaked to their tastes with pigments, became central design tools for Jan Barber and Doug Baker.

One couple's methods for creating a period paint scheme can work for many old houses.

Choosing a new exterior paint color scheme can be a challenge. Get it right and you'll grin with pride every time you arrive home. Get it wrong and you'll regret your decisions until they're repainted to your satisfaction. The real problem, of course, is, there's no true right or wrong.

Influenced by centuries of aesthetics and seconds of whim, color choices are subjective. The options get even more intimidating with old houses. Should paint schemes be historically correct? Can you stay within your favorite color palette? Is it worth following a maven's latest predictions? Does the house's style, neighborhood, and region of the country matter? The more you think about exterior color schemes, it's easy to understand why so many houses all around us are painted in a neutral, bland, and safe manner.

If you face painting an old house exterior, there's no reason to settle for a "canned" or "dumbed-down" color combination. With a little thought and homework, there are ways to come up with a paint scheme that satisfies both the architecture of the house and your personal tastes. One approach is to get help from the many tools now available for making these design decisions. Another is to follow

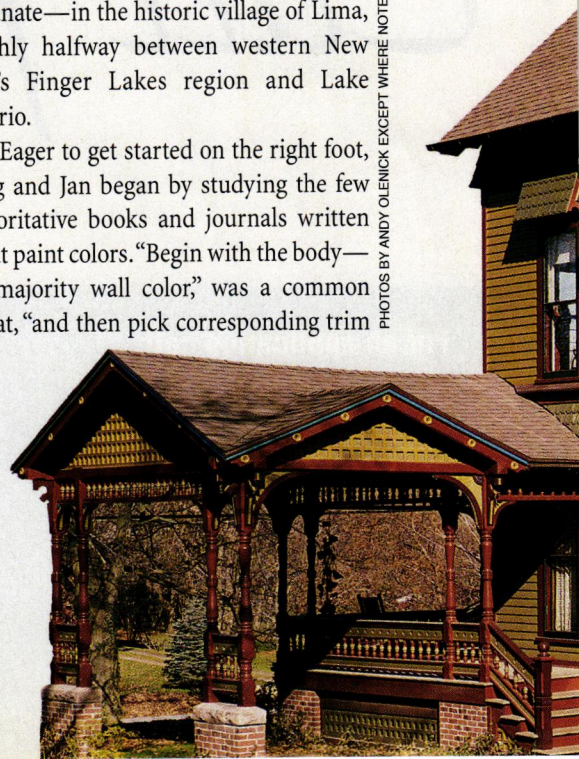
some of the steps Jan Barber and Doug Baker of upstate New York explored when they began thinking about painting their 1885, high-style Queen Anne house.

## Thinking outside the Color Box

Jan and Doug's home is known as the Vary House because it was built by William L. Vary as a wedding present for his son. The house is one of several architectural gems—in styles from the Federal, Greek Revival, and Gothic Revival to the Italianate—in the historic village of Lima, roughly halfway between western New York's Finger Lakes region and Lake Ontario.

Eager to get started on the right foot, Doug and Jan began by studying the few authoritative books and journals written about paint colors. "Begin with the body—the majority wall color," was a common caveat, "and then pick corresponding trim

PHOTOS BY ANDY OLENICK EXCEPT WHERE NOTED





Like many houses of its era, the Vary House wore a nondescript paint scheme well into the 1990s—probably due as much to staying within “safe color” limits as trying to homogenize robust Victorian details under a Colonial Revival coating.



DOUG BAKER

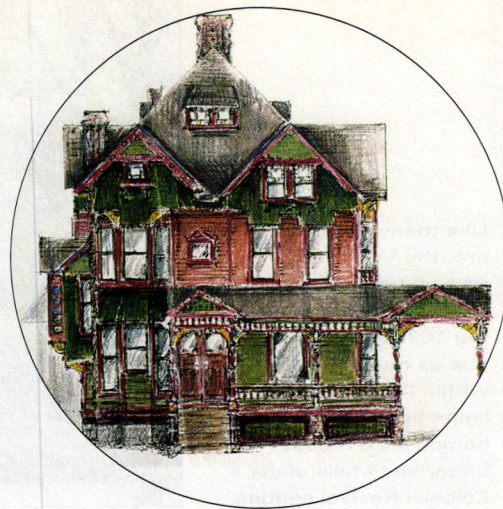
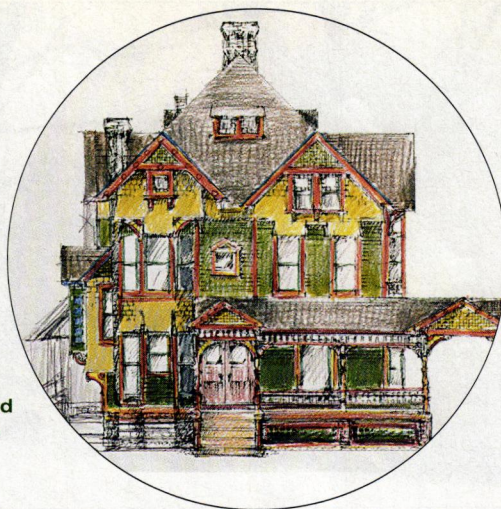
# Best COLORS

Today the house sports a polychrome paint scheme that enhances, rather than downplays, the architecture. Though consistent with late 19th-century thinking, the colors and placement are unique and a satisfying expression of the owners' aesthetics.





After studying the few authoritative books about painting old houses, Doug rendered the black and white sketches of the house with accurate interpretations of late 19th-century color combinations. From this point on, he and Jan introduced their personal color preferences and historical biases to evolve the final scheme.



colors.” Good advice, but not quite enough—especially when your house boasts a double oriel, barge boards, sunbursts, spindles, wheel brackets, newels, and cranies. Doug and Jan also skimmed piles of historic paint-color charts and reproduction house-pattern books to learn the theories behind historic color choices for window sash, doors, porch ceilings, and subtle-to-contrasting trim palettes. All were sound points of reference, but they still fell short of the needs of a complex house and owners with informed tastes.

After completing major repairs on the house, while tolerating years of the former owner’s bland creams and whites, they knew it was time to reveal the building’s outstanding architectural character and myriad details with a powerful color scheme. Though they appreciated histori-

cally accurate paint schemes, Doug and Jan weren’t interested in a perfect reproduction of the original colors or a studious interpretation. At the same time they didn’t want a fanciful “painted lady” approach that would highlight details through gaudy colors and striking contrast.

### Colorful Help from Some Friends

There are many ways to pick exterior paint colors. The easy route is to stick with one of the many combinations of colors provided in brochures at your local paint store. Used as recommended, or tweaked to make them your own, these are usually safe bets, albeit mundane. For folks with color phobias or mental blocks, it’s easier to hire a color consultant. Most metropolitan areas have consultants and designers

that will work with homeowners to pick colors. Nationally, there are also well-known consultants that, when

provided with photographs of your house and your likes and dislikes, will provide color schemes. The latest addition to the arsenal is computer software developed by paint manufacturers. After loading a photograph of your house onto a computer, this software allows colors from the manufacturer’s palette to be pasted onto the various elements of the house, creating a glimpse of the finished product. Check out [www.architecture.about.com/cs/paint/tp/paintsoftware.htm](http://www.architecture.about.com/cs/paint/tp/paintsoftware.htm) for a few of the inexpensive paint-selection software programs.

Jan and Doug began designing their paint scheme with only a vague idea of the original body and trim color and a few basic color preferences. Doug created color samples using his own pigments and tweaking sample quarts to accommodate his taste and the other colors in the palette. Slowly and methodically, he prepared an array of potential colors: stripes spread across pieces of cardboard that could be mixed and shuffled in a search for the perfect hand. Eventually, he and Jan chose a combination of late Victorian and Arts & Crafts colors that was compatible with the house, its time period, and the teak brown roof shingles that had been installed a few years earlier. Both of them preferred an olive green for the body color. The rest of the colors evolved from this choice—mostly subtle gradations of the main



**Jan Barber, a passionate preservationist, is a real estate broker in Rochester, New York. Doug Baker is a designer, art director, and former ad agency president.**



## From Paper to Paint to Placement

quarts mixed in each color.

GREENSBORO PHOTOS DOUG BAKER

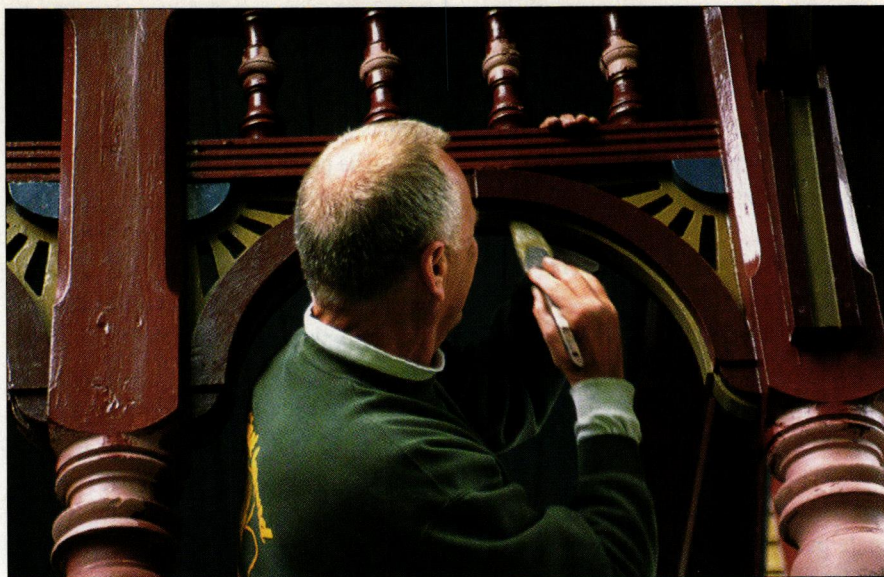
A photograph of a yellow house with handwritten annotations. The annotations include 'DENNIS YELLO' pointing to the roofline, 'FIX' pointing to a roof joint, 'COPPER RED' pointing to a roof section, 'LATTICE' pointing to a roof section, 'RED (BLUE)' pointing to a roof section, 'OLIVE' pointing to a roof section, 'DR. GREEN' pointing to a roof section, 'CB' pointing to a roof section, and 'DK R' pointing to a roof section.

A photograph of a large, ornate Victorian-style house with a prominent porch. Handwritten text "Add Donuts" and "Add Storm" is overlaid on the image, with lines pointing to the roof and the porch structure respectively.

[www.oldhousejournal.com](http://www.oldhousejournal.com)

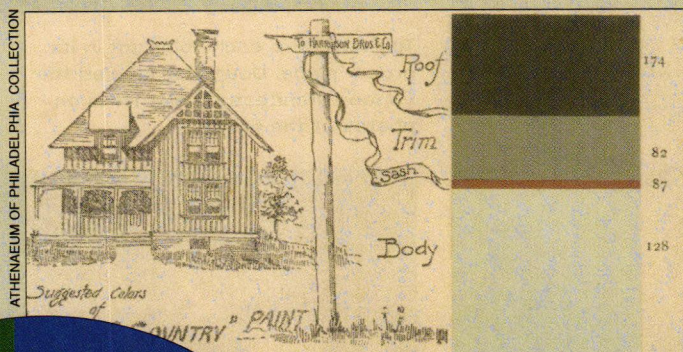
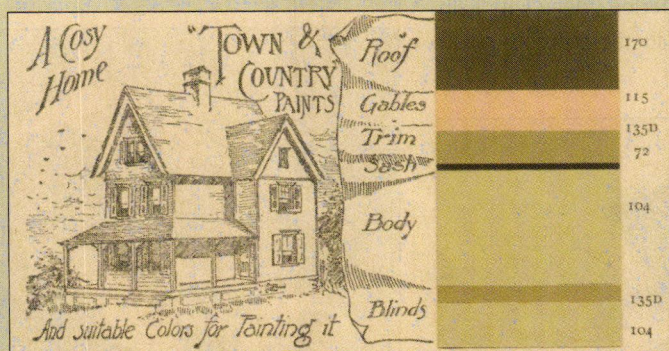


Painting the intricate details of a Queen Anne or early Colonial Revival house can be tedious and time-consuming, but the results are well worth the effort. The ornamental woodwork on these buildings was often meant to be picked out with colors that highlight—chamfers and incising, or variations in tone that follow a shift in depth or direction.



STEVE JORDAN

## Historic Color Trends



Above: Color charts and paint schemes, such as these 1890s cards, date to the advent of standardized paint manufacturing in the 1860s and are widely used for research.

Left: Deeper understanding of the physics of colors and their relationships—as represented in the color wheel—fostered a fashion for multiple color combinations.

About the time the Vary House was built in 1885, exterior paint colors had evolved from the whites of the late Federal period to the drab earth tones espoused in the 1850s by A. J. Downing and his converts to the rich, dark colors so often attributed to late-Victorian architecture. Residential architecture from about 1870 until 1900 abounds with complex combinations of styles, details, and materials—all made practical and affordable by the new woodworking machinery of the Industrial Revolution. It is not uncommon to see at least five different types of siding between foundation and roof on a fancy Queen Anne house. In the same way, the new, manufactured paint-in-a-can in standardized colors, as well as a deeper understanding of the physics behind color, helped foster a fashion for multiple color combinations. Often called polychromy, placement of these colors was used to highlight and diminish building elements and textures. Furthering this concept were colorfully stained wood shingles, painted metal, and polychrome slate roofs. Colored masonry mortars and even bright canvas awnings completed the picture. By modern standards, various Victorian color schemes can be complex and beautiful or just plain gaudy.

The Arts & Crafts Movement began at the tail end of the 19th century as a reaction to the excesses of Victorian architecture. While Victorians reveled in the use of novel materials and gimmicks made possible by the Industrial Revolution, Arts & Crafts devotees stressed the importance of fine craftsmanship—especially handwork—and harmony with the natural environment. The shift in color preferences was not really drastic but rather a lightening of the dark colors that had become unpopular. For example, dark olives were lightened to sage greens; dark ochres evolved into colors resembling Dijon mustard. All things Arts & Crafts are now more popular than they've been since their inception. Paint manufacturers offer Arts & Crafts color brochures and books have been published to help homeowners understand and choose an Arts & Crafts palette.



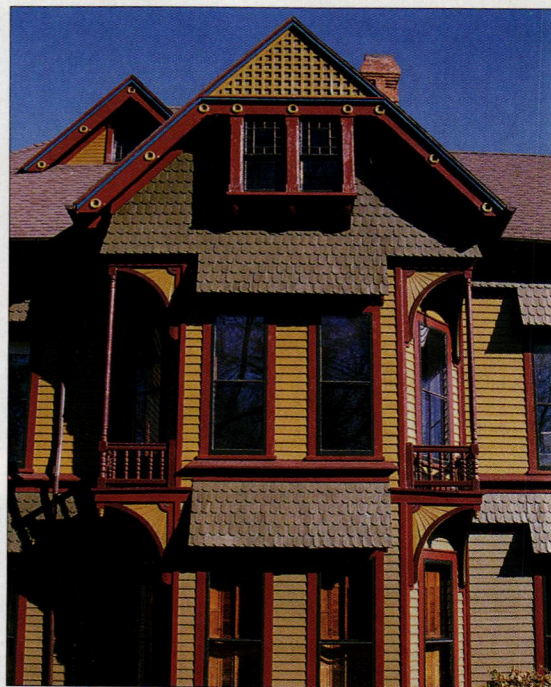
Finally Jan and Doug narrowed their choices to nine colors. Depending on the surface and areas painted, the paint sheens varied from matte to high gloss to create more vitality in the scheme and to highlight certain elements. They also enhanced details through the clever use of subtle color variations, such as the two similar reds on the porch railings, and color opposites, such as the cobalt blue moulding between the brown roof and red fascia.

Though their color choices were ultimately personal, the harmonious scheme behind them has its roots in historic color theory. The ideas of "harmony by analogy" and "harmony by contrast" were proposed in the mid-19th century by David Hay of Edinburgh, Scotland, and taken to heart during the Victorian era. Harmony by analogy might be achieved by using colors close to one another on the color wheel—olive green and ochre, for instance (see sidebar opposite). A good example of harmony by contrast would be the use of red with green.

With nine different colors and many

details to paint, Doug wanted to avoid confusion, so before the painters arrived he renamed all the paint selections and prepared 4"x6" color swatches coded to photos and sketches. He also color-coded paint lids to prevent placement errors.

The painters chose to finish one side of the house at a time. As the work progressed, the Vary House took on a new character, as if a new house had been erected on the site. Assuming that such a well-tailored paint scheme was beyond the work of homeowners, some passersby commented, "Boy, the painters picked great colors, didn't they?" Other neighbors discovered elements they had never seen before, and a few speculated that new ornaments had been added prior to painting. Doug and Jan are very pleased with their "new" house and feel that the reinvented paint scheme rescues the lively character that was hidden by cream and white. Any way you look at it, the Vary House has undergone a startling makeover, and is well on its way to another century of splendor. 🏡



Fancy Queen Annes like the Vary House often change materials several times between foundation and roof. Jan and Doug enhanced some of these details with subtle color gradations, such as the olive green to greenish ochre in the latticed gable panels (top of photo).



The new colors assembled for the 1885 Vary House are representative of deep, dark hues of the late-Victorian era in which it was built. However, they also anticipate the rich drabs (olive-brown colors) that would become associated with the Arts & Crafts Movement some 15 years later.

## Project Particulars

Painters	Steve Worboys, assisted by brothers Paul and Stan
Paint	Sherwin Williams and Benjamin Moore
Paint system	Oil primer, 100 percent acrylic top coats
Color-scheme body	Medium Olive and Mustard, low luster
Wood shingles	Dark Olive Green, matte, used in other areas in gloss
Trim	Copper Red and Dark Red (purplish), high gloss
Sash & storms	Black Green, high gloss
Porch ceilings	Blue (darker than sky blue), low luster
Porch floor and steps	Medium Tan, high gloss (polyurethane)
Porch handrails	Dark Red, high gloss
Decorative rod moulding	Cobalt blue, high gloss
Decorative ornaments	Cobalt Blue, Mustard, Copper Red, Dark Red, Medium Olive
Doors	Dark Olive Green, high gloss

For a list of  
**SUPPLIERS,**  
see page 84.

### MORE FROM OLDHOUSEJOURNAL.COM

For related stories online, see "Choosing Exterior Paint" and "Colors for a New Century." Just click to "The Magazine" section, and go to the alphabetical list of recent features.





# BROWNSTONE

## Rides Again

BY REGINA COLE  
PHOTOS BY JON CRISPIN

Where the favorite chocolate rock of the 19th century came from and why it's back.







Left: Like candy cut from a pan, multi-ton blocks of rich brownstone are quarried anew in Portland, Connecticut—the original source of thousands of brownstone facades. Below left: The historic quarry today after a storm surge traveled up the Connecticut River.

Some of the tools Mike Meehan, Rick Lane, and Mark Favale use to quarry brownstone in Portland, Connecticut, are pretty high-tech. There's state-of-the-art hydraulic machinery, computer surveying equipment, and even an expanding chemical called Silent Cracking Agent. Sophisticated stuff, indeed, but the task of extracting brownstone from the earth is still a labor-intensive process. Mike, Rick, and Mark split smaller blocks with hammers and wedges, just as quarrymen did a century ago. They wrestle 20-ton stone blocks onto flatbed trucks with a backhoe that, while perhaps easier to drive than teams of oxen, doesn't make moving this much mass any lighter work.

Most remarkable, however, is the fact that they're quarrying brownstone at all. Until 1993, when Mike leased an upper shelf at the historic Portland Brownstone Quarries and commenced operations,



JAMES C. MASSEY

Romantic in color and readily carved, brownstone was the fad facing for Italianate-style row houses of the late 19th century—especially in New York City, where the ubiquitous buildings are known as brownstones. By 1900, however, the stone was decidedly passé.





The scourge of brownstone buildings is flaking of the stone along the sedimentary layers (in circle), a failure usually precipitated by face-bedding blocks with their layers vertical. In-kind stone replacement (light stone) is a more satisfying repair.

brownstone was strictly a historic material. Ubiquitous during the building boom of the 1870s and '80s, brownstone became the facing of choice for endless blocks of brick row houses in cities up and down the Eastern seaboard. By 1900, however, Americans were sick of brownstone, so when these row houses became a century old in the 1960s and ready for major repairs, the prime source for replacement stone was decades gone. Here's what this legendary building material is, why it was so coveted, and how it has come back for restoration work of all kinds today.

## What Begat Brownstone?

When storm water poured into the Portland Brownstone quarries in 1936, the flood finished off a business whose market had been drying up for a generation. It was the end of a long era. As early as 1650, local builders were already using the dark brown or reddish brown sandstone for walls, foundations, and chimneys. At first they just collected rocks from cliff bases. About 1725, when the supply of loose stone was exhausted, they started to dig it out of the earth.

This was relatively easy. Brownstone is a soft, sedimentary stone that, here in

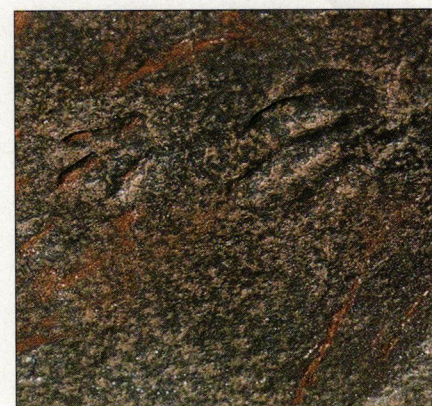
Connecticut's Central Valley, is found in horizontal beds close to the earth's surface. It was deposited about 200 million years ago, when Africa and North America were wrenching away from each other to form the Atlantic Ocean. A series of continental rift basins, known collectively as the Newark Supergroup, formed as long, narrow, sediment-filled valleys stretching from Nova Scotia to South Carolina. One of them, the Hartford Basin, consists of deposits of sand and mud with a high feldspar content. These deposits are cemented with ferric oxides that give the stone its characteristic reddish-brown or chocolate-brown color. The geologic name for this deposit is the Portland Formation. The sandstone found in the Portland quarries belongs to the youngest and uppermost strata of those ancient layers. Many are infused with dinosaur footprints and the remains of ancient trees.

Connecticut doesn't have the only American brownstone. During the 19th century it was also quarried in Longmeadow, Massachusetts, in eastern New Jersey, in Pennsylvania, and in the Apostle Islands off the Wisconsin shore of Lake Superior. However, these are limited deposits that are steeply angled and difficult to quarry, with stone that varies in

quality and appearance. In contrast, the planar beds of the Portland Formation, individually 2' to 18' thick, add up to more than 3,000' in thickness. Not only is Portland brownstone plentiful, easily quarried, and of a uniform red-brown color, but it is also conveniently close to that great presteam engine superhighway, the Connecticut River. Between 1890 and 1896 Portland's three main quarrying companies owned 50 schooners and one steamboat to transport the stone down the river and out into the wide world. The 1880 federal census reports that 78.6 percent of New York City buildings employing stone were all or part brownstone, most of which came from Portland.

Beautiful as it is, brownstone's sedimentary composition brings its own inherent limitation as a building material. When face-bedded—that is, applied vertically so that its layers are exposed to the elements—brownstone literally flakes off as the moisture that gets between the layers freezes and expands. Historic records show that brownstone sometimes began this characteristic flaking, known as spalling, as soon as 10 or 20 years after construction.

Mike theorizes that some of the spalling that contributed to our early 20th-century disenchantment with brownstone was the result of hasty, inferior construction. When brownstone is quarried from deep below the water table, as it was during Portland's boom decades, water is trapped between the layers. Historic quarrying annals refer to "seasoning," which means allowing the stone to dry out, but seasoning takes time—and that's some-



Dinosaur tracks, ranging from silver-dollar-sized to 15" long, regularly pop up in the Jurassic-era stone.

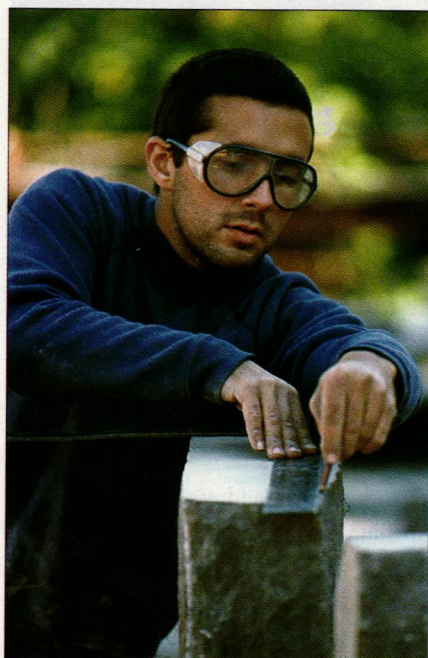




Owner Mike Meehan inspects newly finished corner blocks ordered to repair the water table on a historic church. Stone fabrication is an increasing part of the business.



Mark Favale watches while Rick Lane dresses stone. While much heavy quarrying and stone shaping is mechanized, detailing is still a traditional, hand process.



Making the rock face that decorates most ashlar (rectangular) brownstone begins by establishing the edge.



Also called pitching, the rock face rises beyond the exposed plane of the block in what Mike likens to a pillow.



Controlled spalling of the stone edge with a hammer and chisel creates this traditional detailing.

thing no contractor wants to hear when there's a huge demand for new housing. Face-bedded stone, still full of water, was routinely applied to many of the 50,000 row houses built during the late 1800s "Brown Decades." If it was done late in the season, just as freezing set in, the stone's

disintegration was assured.

Naturally bedded stone, applied in the same direction as the stone's layers occur in nature, is resistant to weathering, but it does not present the pretty, uniform color seen in face-bedded brownstone. It is also a little harder to cut and, therefore, more expensive.

## Stoned Again

Americans may have lost the taste for brownstone by 1900, but our cities remain full of it, and with time we have come to love its attributes all over again. When the 1906 earthquake and fire destroyed much of San Francisco, the James Flood Mansion



**Silent Cracking Agent** is a modern tool that, when packed into a series of holes and moistened, expands and breaks off blocks of stone. The quarry also uses bags they inflate with water to move stone away from a cliff.



**Above:** Toothed finish is another traditional detail the quarry adds to replacement stones. Often appearing on accent pieces, such as lintels and corners blocks, it provides an attractive contrast to the rock face while helping to direct water off the stone. **Right:** When wetted, Portland brownstone shows off the rich, uniform character that made it famous.

—a brownstone building—was a notable survivor. Still standing atop Nob Hill, it is now the Pacific Union Club. In 1737, John Hancock's prosperous uncle built a brownstone house in Boston. When it was demolished in the 1920s, public outrage helped grow the Society for the Preservation of New England Antiquities. By the time a historic preservation movement took hold of the American imagination, brownstone was, like much of Victoriana, a sentimental favorite. After all, no other stone looks like chocolate. In fact, it was the brownstones of Brooklyn, New York, that gave birth in 1973 to a new publication called *OLD-HOUSE JOURNAL*.

Nonetheless, there are still no satis-

factory ways to address that troublesome spalling. Early attempts to disguise (if not repair) the problem focused on applying layers of paint. The Back Bay area of Boston, for instance, was built primarily of brownstone-faced brick row houses between 1845 and 1880, but little of the dark stone is visible today because early owners painted most of those buildings. Later techniques involved encasing the ailing stone in aluminum or vinyl siding and faux brick. Paint and siding actually accelerate spalling because they trap moisture. Cement patches look terrible; the only way to hide them is to paint the brownstone.

Faced with miles of moldering brownstone, preservation-minded homeowners



began to look for more appropriate repair options—especially given the emphasis the Secretary of the Interior's Guidelines places on in-kind material replacement for restoration work. The problem was, the only brownstone available after the 1930s was salvaged from demolished buildings. Before today's thriving architectural salvage industry existed, it was hard to find brownstone that matched your building. If you did, you then had to find someone who could cut it to size. The best alternative was to patch with a mixture of pulverized brownstone, portland cement, sand, and dry mortar colors. The results were far from perfect, but they beat vinyl siding.

## Reinventing a Building-Block Business

When Mike, a geologist by trade, started quarrying brownstone 10 years ago, he did it with an eye toward the replacement market. The first brownstone quarried in nearly 70 years left Mike's Portland Brownstone Quarry yard on a flatbed truck in 1994, headed for Barre, Vermont, where the 20-ton blocks were sawn into veneer panels to



Enormous blocks are sawn out by a computer-aided machine and a diamond-studded wire that's threaded through 37'-long holes drilled vertically and horizontally into the cliff face.

replace disintegrated stone on the chapel of Gallaudet University in Washington, D.C. Today's finely calibrated cutting tools can produce sheets far thinner than the traditional 4" thickness, but Mike counsels caution. Since there's no historic precedent or modern track record for very thin brownstone, he recommends that veneers be at least 4" inches thick.

Much of the stone Mike and his associates produce today becomes replacement lintels, stair treads, sills, and ashlar (squared) blocks. New uses include pavers, like the stack of 2"-thick slabs

growing in the yard, ordered by a client who prefers brownstone to the more commonly used bluestone for his patio. A big new wood-frame house in an affluent suburb will rest on a brownstone water table. Another features the traditional combination of brick exterior walls with brownstone sills, steps, and lintels. Initially, Mike did not expect to do any fabrication in Portland; he saw his role strictly as quarrying. The growing demand for the stone, however, and the expense of shipping it to fabricators as far away as Vermont, often leads to Mike, Rick, and Mark wielding carbide tools under a makeshift canopy, where they face ashlar blocks with characteristic rock face and comb the top edges with vertical lines that help shed water.

The fudge-colored stone finds interior uses as well. Some, such as fireplace mantels, are historic, but one recent order comes directly from a designer's imagination. In Manhattan's posh new Mandarin Hotel there's a room-divider screen made of carved brownstone. If it's a sign the rich-looking rock is poised for another swing on the fashion pendulum, the Portland Brownstone Quarry will be ready for the ride. 🏠

*Regina Cole is a regular OHJ contributor and the author of The New Flooring Idea Book (Rockport Publishers).*

*Special thanks to the folks at Portland Brownstone Quarries, 311 Brownstone Ave., Portland, CT 06480; (860) 342-2920; [www.brownstonequarry.com](http://www.brownstonequarry.com).*

## Brownstone Care & Feeding

If you're lucky enough to own a brownstone building, or a house with brownstone lintels, steps, quoins, or sills, then you already know that water is the enemy of this porous stone.

The New York Landmarks Conservancy, though, notes that too-hard mortars are also a major culprit. Mortars with high portland cement content are far less elastic than the high lime content mortars used before 1900, so as the stone expands and contracts, they cause the stone to crack. Crushed brownstone (found at salvage yards) is a desirable component for a patching mix used on a Portland brownstone building because other aggregates lack mica particles and look flat in contrast. The mix should contain 1 part portland cement, 1 part lime, 6 parts sand, crushed brownstone, dry mortar colors, and water. The amounts of mortar color and water vary, depending on the right color and consistency. Experiment first with the dry masonry colors, then introduce the cement and brownstone. Since preventive maintenance is always less expensive than major repairs, stay on top of these building-care points as well:

- Make sure the mortar joints in your brownstone masonry are properly pointed, and keep an eye out for areas that remain moist after rain or snow.
- Keep your roof in good shape so that the building stays dry; make sure gutters and downspouts stay clear so that they move water away from the house.
- Prune vegetation away from brownstone walls.
- Don't sandblast brownstone walls or clean them with high-pressure sprays or harsh chemicals. Avoid waterproofing chemicals; they can trap moisture. If your brownstone needs cleaning, seek professional advice.
- Caulk horizontal wash joints in projections, such as lintels or parapet walls.
- Do not use deicers to melt snow and ice on brownstone steps.
- Do not paint brownstone; it traps moisture behind the coating.
- Remember that brownstone is not appropriate for any use below grade because it wicks moisture.

## MORE FROM OLDHOUSEJOURNAL.COM

For related stories online, see "Architectural Stone" and "The Faux Stone Follies." Just click to "The Magazine" section, and go to the alphabetical list of recent features.



# Blue Ridge



Rotten sills had caused the house, unoccupied for two decades, to sink toward its center.





# Rescue

By DEBORAH HUSO

**Seeing promise beyond the grime and a sinking foundation, Arthur and Zee Campbell restored color and craftsmanship to an 1820s North Carolina farmhouse.**

It was a relative who introduced Arthur Campbell and his wife Zee to the Albertus Ledbetter House near Marion, North Carolina. The house—built around 1826 and unoccupied for at least two decades—was sunken and filthy, with blown-out windows and junk crammed into all the rooms, and seemed best suited for a training run by the local fire department. But Arthur's sister Kathy McCullough, who lived just down the road, had found some unusual hand-painted, moulded paneling under the home's grimy exterior, sparking her interest in resurrecting the place before it caved in completely. When Kathy heard that the owner had advised his grandchildren to start tearing it down for firewood, she called Arthur and Zee.

Arthur, a former airline pilot, and Zee had long been itching to get away from "the high stress lifestyle of south Florida," as they put it, and find some rural property where they could open a bed and breakfast. So they flew up to North Carolina to check out the Ledbetter House and its surrounding 92 acres of lush mountain woodland. The setting at least, they decided quickly, seemed like paradise.

"Our son Caillein thought we were absolutely crazy," says Zee with a laugh. "He said, 'Who in the world wants to live in this old house?'" Caillein, then 14, wasn't the only doubter. The Campbells' new neighbors also did a lot of head scratching. When Arthur approached local third-generation



PHOTOS BY STEWART O'SHIELDS

Appalachian chairmaker Max Bailey about heading up restoration, Bailey wasn't convinced it could be done.

Built as a log house in the foothills of the Blue Ridge Mountains in the 1820s, and then significantly expanded in 1836, the Ledbetter House is a rare surviving example of transitional Federal/Greek Revival architecture of post-and-beam construction. The house was built by Jonathan Ledbetter, a prosperous farmer whose father had fought in the Revolutionary War. Eventually, he passed it on to his son

Teenage son Caillein, thought Zee and Arthur were "absolutely crazy" for wanting to live in the then-derelict old place.

Left: Two years after restoration began, the house was listed on the National Register. Below left: The discovery of hand-painted paneling, highly unusual in a frontier house, may have saved the structure from being chopped up for firewood.



## Reviving the Faux Woodwork

The unique feature that lured the Campbells to the Ledbetter House is its delicate hand-painted moulded paneling in bright hues of red, cornflower blue, white, and faded gold. Gracing the wainscoting on the front porch, the doors, and stairway, this decorative art would have been an immediate signal to 19th-century visitors that the Ledbetters were a prosperous family.



Arthur's sister, who discovered the hand-painted wainscoting, sought some expert advice before leading its careful restoration.

Arthur Campbell's sister Kathy McCullough and her husband William are both artists, and Kathy is a native of Charleston, South Carolina, where craftsmen in furniture and related arts are legendary. "Charleston architecture and faux painting are well known," she says, "but we'd never seen anything like that outside of Charleston."

Kathy had owned a faux painting business while living in Charleston, and when the Campbells told her they were ready to restore some of their home's paneling, she in turn called on Mark Bennett, who had done faux painting at the Grove Park Inn in Asheville, North Carolina. Bennett analyzed the handiwork on the Ledbetter House and determined that it was done by 19th-century artist Charles Dunkin, who had signed one of the doors, in a style similar to faux bois or "fake wood."

So Kathy, with some help from Zee, began working to restore the wainscoting on the front of the house. They first coated the original wood with reversible clear finish to preserve it and to ensure that their painting could be removed by a future owner to reveal Dunkin's faded handiwork. Then they covered the wood with flat latex and applied a tinted oil glaze over it, through which they pulled brushes to create the fake wood grain. To create the other marks, suggestive of the edge of wood paneling, Kathy dragged a pencil eraser through the glaze.

Kathy says she couldn't have done the restorative work without advice from Bennett. "It was a wonderful experience," she says, "to work on that house. I felt like I was walking in the footsteps of the itinerant painters who originally worked on it."

Albertus, after whom the home is named.

That makes the Campbells only the third family to own the house in the last two centuries. They immediately determined that they would be the stewards of the hand-painted paneling that Arthur's sister discovered throughout the first floor of the home as well as along the wainscoting on the front porch.

Restoration began in January 1999, under Bailey's direction. "He comes from a long line of mountain craftsmen," says Arthur Campbell of Bailey. "He possesses raw talent combined with many years experience. He's a true artist."

Bailey says his biggest challenge was replacing the rotted oak sills that formed the structure's foundation. With help from his construction crew and Arthur Campbell, he lifted the house with jacks and replaced the rotted sills with new ones made from local locust trees.

Once that was done, Bailey says, the whole house seemed to straighten and come back together like a jigsaw puzzle with its last piece in place. "It was so well built," he says. "The original builder was obviously a very educated craftsman."

To keep the house eligible for the National Register of Historic Places, they were careful to preserve original features and to restore others that had been lost, such as a wood shingle roof that had been replaced with tin in 1916. The Campbells used pressure-treated pine shakes, recommended by the National Park Service for restoration of Appalachian homes.

When removing the house's tin roof, the Campbells found the original nail holes from the wood shingles and later even found one of the original oak shingles, used to patch a hole in an adjacent spring house. Since the tin was still in decent shape, the Campbells used it to roof a gazebo by the pond in front of their home.

That's been the philosophy: When material had to go, it was often replaced with old material recycled from neighboring structures. "We put back everything we possibly could to keep the house as original as possible," Bailey says. To replace floors and siding, the Campbells used wood from a nearby rundown slave cabin and schoolhouse. What was completely new was elec-

Max Bailey, a local chairmaker, built custom beds for each of the property's five guest cabins with wood left over from the house restoration.







There are two large rooms downstairs, flanked by two fireplaces of original brick and stone. Wood for the "new" floors and siding came from a neighboring slave cabin and schoolhouse that were collapsing.

tricity and plumbing—the house's first ever.

The restoration was complete in six months. A year and a half later, the home was listed on the National Register.

The interior looks much as it might have 160 years ago with two large rooms downstairs, flanked by the two fireplaces, and two bedrooms upstairs. "The only additions we have made," says Zee, "are a bathroom upstairs and a bathroom downstairs."

Once the house was restored, the Campbells followed up on their plans to run a business on the property and began

building guest cottages out of local timber.

Even the spring house, where they found that original shingle, got a taste of their creative juices. They replaced its ceiling and floor using salvaged wood. Then to show off the sluice that runs through the house, they created an illuminated viewing area out of Plexiglass. A 300-watt halogen light underneath the glass illuminates the sluice and its rock wall. Over the sluice they used old heart pine to build a 300-bottle wine rack—enough for any number of guests.

The Campbells opened the first cot-

tage in summer 2000. Today they have five, all secluded among the rhododendron, hickories, and poplars on what they have named Spring House Farm. They bill it as North Carolina's first eco-retreat, where they're not only preserving local history, but giving others a taste of the combined culture and nature that led the Ledbetters and now the Campbells to pioneer here. 🏠

*Deborah Huso writes from Warm Springs, Virginia, about southeastern Appalachian history, culture, and environment.*



# The Color of Money

BY ALEXANDRIA M. MASON

**Researching early paint colors and schemes at a landmark house.**

Having escaped the off-white paint scheme of the 1910s, the backboards and beautifully carved scallop inside the shell closet still showed an earlier finish that had aged to a dark algae color—a promising place to start research.

How many old-house owners have glanced around their rooms and sighed, “If only walls could talk?”

What, for example, could they tell us about the richest colors from the earliest days of colonial America, when paint was hand-ground, expensive, and often flaunted as a status symbol by those who could afford the very best? As curator of the House of the Seven Gables, the 17th-century mansion made famous by Nathaniel Hawthorne’s novel, I am especially curious to know, as accurately as possible, the intent of early designers and craftspeople,

so our curatorial staff can re-create these finishes for today’s public. Just like many of OHJ’s owner-restorers, I pace the rooms and also mutter, “If only the walls could talk!” Happily, with patience, trained conservators, and proper equipment, we’ve learned the ways that walls can talk, and they are very eloquent, indeed. To explain what I mean, I’ll describe a little about why we undertook a paint analysis project at the House of the Seven Gables, and what we learned about the specific paints used in the early 18th century. More important for folks living in historic houses of later eras, our experience will illustrate some of the logic and techniques that can allow homeowners to become their own forensic scientists and track down elusive clues for re-creating the original decorative look of their interiors.

## A Deeper Look at an Early Mansion

Over the last few years our curatorial staff has been moving toward a more accurate historical interpretation of the House of the Seven Gables—one based on primary-source documentation and analysis of the actual materials in the building. The house, built in 1668, has been open for tours for 93

ALL PHOTOS JON CRISPIN EXCEPT WHERE NOTED

**Above:** Re-creating the parlor’s vibrant verdigris glaze was the ultimate payoff of the paint research. It also solved mysteries about the ceiling beams and the age of the little door cut out of the Georgian paneling (left side of mantel).



ALEXANDRIA M. MASON





To simulate the 18th-century glaze, verdigris pigment was mixed in glazing liquid for decorative painting.

years, but the interpretation of the paint through the decades has been more Colonial Revival style than truly colonial. For example, all the rooms were painted in an off-white color that, while conforming to an early 20th-century palette, was neither readily available nor popular for 18th-century homeowners. Since the Georgian paneling added around 1710 was the most drastic change to the building, my goal is to restore some of the rooms to that period based on primary documentation and physical evidence. An inventory of our house from 1742 refers to our parlor as the "Best Room," so this seemed an excellent place to begin the process.

Because early preservationists made many changes to the house during the Colonial Revival restoration of 1910, we approached the room with a lot of questions. First, we was curious about the number of beams on the ceiling 350 years ago—one pair or two? In addition, we wanted to know if the small wood closet to the left of the



Close inspection of the shell cupboard paint showed carving highlights picked out in brown. Under a lens, however, this "paint" proved to be the bonding agent for gold leaf that had long since disappeared.





Noted scholar Abbott Lowell Cummings, author of *The Framed Houses of Massachusetts Bay 1625-1725*, has referred to many of the architectural elements inside the house as the "first and finest" in Essex County.

## The Fabled Gables

The House of the Seven Gables is one of America's key cultural resources. Built in 1668 by wealthy mariner and merchant John Turner, the house was a testament to his accomplishments. In some places you can still see the beautiful and expensive post-medieval chamfered posts with lamb's tongue terminals. By the early 1700s, the second John Turner installed Georgian paneling in many of the rooms in an effort to keep up with changing fashions. Surprisingly, this was one of the most dramatic alterations ever wrought on the house.

Later occupants did box in an overhanging jetty and remove, then restore, gables. In 1910 there was a restoration by Caroline O. Emmerton, who purchased the house for the dual purposes of historic tourism and social work. Nonetheless, considering the wealth that has moved through the house, it is amazing that it has never seen major changes. No great palladian window or Queen Anne turret was ever added to stay in step with taste. This disregard for passing fashion left the house a treasure trove of documentation about the earliest decorative treatments in colonial times.



COURTESY OF THE SOCIETY FOR THE PRESERVATION NEW ENGLAND ANTIQUITIES

Early photos, such as this 1910 view, show the parlor ceiling as a grid of boxed beams, raising the question of whether they were originals from the 18th century, or embellishments from the 19th century.

hearth dated to the 18th century or the 1910 makeover. Above all, we wanted to understand the original Georgian paint scheme so that we could restore it and present a more historically accurate interpretation of the most formal space in the house.

As the investigation began, we gathered early photographs of the room and

examined the existing space to see if there was any telling evidence of paint scraping or replaced paneling. One circa-1860 photo from SPNEA shows coffering in the parlor before Caroline Emmerton purchased the house in 1908. Another documents the coffering being there after the purchase. The cross-timbering was removed during the 1910 restoration, raising the question of whether it too should be restored. Was the cross-timbering some original finish from the mid-1600s? Paint analysis would help answer this question.

Examining the room closely, we determined that the decorative display closet bore very early paint that was potentially *fugitive* in nature. By fugitive, conservators simply mean that the paint is made with highly unstable pigments (common before the industrial era) that can interact with ultraviolet light and change drastically over time. Many fugitive pigments, such as Prussian blue or verdigris (a green pigment made from corroded copper), will eventually blacken in linseed oil. Since our closet was painted in a green hue that was



almost black, with some areas articulated in brown, there was a good chance that we were looking at a fugitive pigment.

While other architectural elements in the room were softened by layers and layers of paint, the shell closet near the hearth had crisper features that suggested very little paint build-up. Upon close inspection with a field microscope, we discovered a worn band of gilding at the base of one of the shelves and, over some of the woodwork, details picked out in brown paint. Apparently, this brown “paint” was actually the sizing (bonding agent) for gold leaf that had long since worn away. We took samples of the brown articulation for microscopy analysis and, at 125x, saw that this was indeed gold. Since there was no other treatment beneath it, we assumed we were looking at an original finish. Could it be that the rest of the room once had details picked out in gold? In the excitement of discovery, I imagined the great coffered room, painted with the most expensive paints of the day and dancing with gilded highlights. We hurriedly started the physical analysis.

## Scientific Decorative Sleuthing

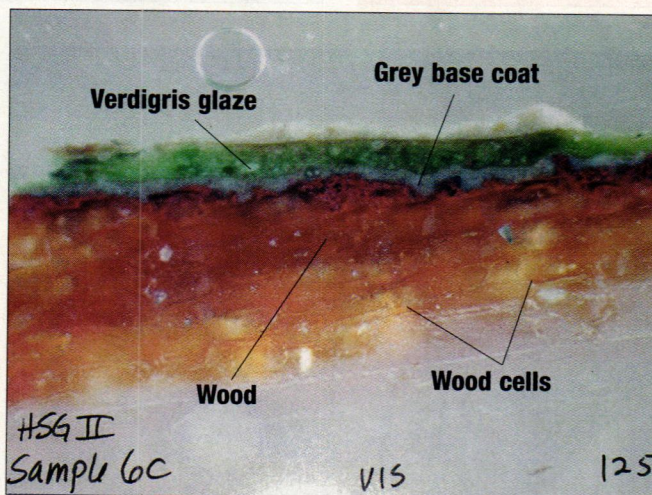
To establish the chronology of changes in the room, and to determine if the pre-1900 coffering needed to be restored, we began our paint analysis with the casings of the summer beams—the main, central beams in the house. First we determined the spots where beams in the mid-1800s photograph would have intersected. Then we postulated that if we found original verdigris finish missing from these points, we would indeed be looking at a decorative treatment from a first-period house—that is, one from the mid- to late 17th century. No one would have painted under the crossbeams before they were added to create the boxes of the coffering.

The actual investigation to test our hypothesis was very simple, requiring only a scalpel and 20x loupe for magnified viewing. First we carefully excavated several craters or “bulls’-eyes” in the paint at strategic places along the beams, opening



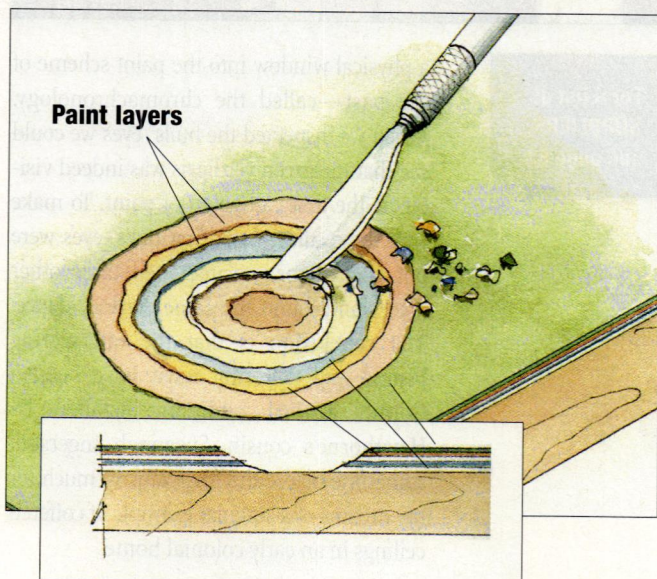
ALEXANDRIA M. MASON

Working with a scalpel, curatorial staffer Erica Sanchez carefully exposes a strip of paint across all features of the cupboard door to look for more evidence of verdigris—especially with gilding.



ALEXANDRIA M. MASON

Micrographs (microscopic cross-sections) of paint chips clearly show the different layers of early paint applied over 300 years ago. Note the pigment grains suspended in the glaze coat.

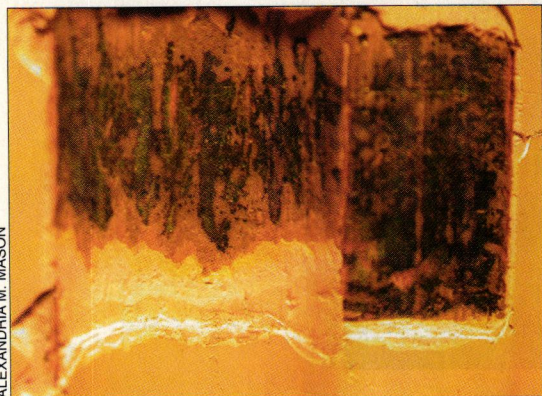


ILLUSTRATIONS ROB LEANNA

To make paint craters or “bulls’-eyes”, conservators rotate a sharp knife on the paint to excavate a shallow depression down to the substrate. Polishing with wet/dry sandpaper helps reveal paint layers.



Right: As in the 18th century, decorative painter Nigel Grace applies the verdigris glaze following the wood grain, changing direction where mouldings are mitered. This practice, along with the traditional nature of the materials, helps re-create the "ropy" texture characteristic of early paint.



ALEXANDRIA M. MASON



Above: Protected by layers of later paint for three centuries, the verdigris shows a warm yellow-green after being uncovered by meticulous test scrapings. Right: Nigel Grace reviews paint sample boards with curator Alexandria Mason.



For a list of  
**SUPPLIERS,**  
see page 84.

a physical window into the paint scheme of the past—called the chromachronology. When we inspected the bulls'-eyes we could see that the green verdigris was indeed visible as the first campaign of paint. To make sure the results of our first bulls'-eyes were not aberrations, we inspected three other places and found the same glaze evidence. The conclusion is that the intersecting beams and coffering must have been a Gothic Revival addition installed by Hawthorne's cousin, Susannah Ingersoll, sometime before the Civil War. So much for my dreams of a singular example of coffered ceilings in an early colonial home.

## Another Revealing Test

Next on our list of questions to be probed was the history of the small door covering the wood closet next to the firebox. This closet is a wonderful window into the remains of the monumental 1680s hearth box that still retains a blackened band at the base of the plaster. Since there is a strangely configured "hidden stair" in the house that was designed and built in 1910, I worried that the closet was a similar 1910 concoction. By excavating some quick bulls'-eyes on the front and edge of the door, we learned the answer. We found the verdigris finish on the front, finished face of the door, pretty much as expected. However, when the bulls'-eyes on the edges also revealed the decorative verdigris treatment, they ruled out the possibility that Emmerton had cut the door out of the existing Georgian paneling. If she had cut the door out of the existing paneling, the edges would have shown only 1910 and later paint colors. This meant that the little closet was truly finished in verdigris during the Georgian period when the huge, post-medieval hearths typical of first-period houses were commonly boxed in to create a sleek paneled fireplace. The additional room left over from the old hearth



served as a perfect storage area.

After solving this mystery, our challenge was to search for any gilding on the paneling. We proceeded by very carefully removing layers of paint in channels, using scalpels and magnifying loupes, so as to expose a section across the entire architectural element. This is a delicate and time-consuming process, since a heavy or unsteady hand can destroy the very evidence one seeks. Since our work revealed only verdigris, it proved that gilding had been confined to the cupboard.

Next we opened up a large window of the painted paneling to rule out the presence of any decorative painting, such as marbling, and to see the texture of the paint. Had it been stippled? Was it highly striated? We could clearly see thick brush strokes in the finish. Then, when we chose a small section to scrape, in the hopes of clearing away the top layer that had oxidized to black, we found a brilliant grass green was still there.

### Re-creating the Verdigris Finish

To confirm our research, our conservator, Christine Thomson from Robert Mussey Associates, took samples of all layers of these first-campaign paints—a grey base coat topped with verdigris glaze—and sent them to a lab. When the reports returned from the lab at the Museum of Fine Arts, Boston, chemical analysis (including gas chromatography and mass spectrometry) showed that our samples were indeed an oil paint ground covered with a glaze of verdigris boiled in oil. The latter was important new information because boiling the verdigris in oil produces a yellower, mellow green than simply mixing the pigment in oil. The absence of any hiding pigments, such as white lead, or bulking agents, such as chalk, meant that we were looking at a finish with a high gloss—much glossier than the common paint of the day.

Christine then contacted Susan Buck, a conservator and paint analyst with extensive knowledge of this early decorative treatment. Susan has worked on several historic house museums, such as



Monticello and Mount Vernon, with rooms similarly finished in verdigris paint, and her experience with replication became our guide. Because the historic recipes for verdigris finish vary widely, we had to base the color match solely on our extant samples of unoxidized paint, but Susan's work validated that we were on the right track. We also compared our findings with the verdigris found at the Hunter House at the Preservation Society of Newport County.

After applying a mixture of the traditional materials (verdigris pigment and oil) on a sample board as a standard for what we wanted to re-create, we worked with our decorative painter, Nigel Grace, to mimic the historic effect with modern materials. Because expense and difficulty made using true verdigris out of the question, Nigel matched our sample by first thickening the grey base coat with calcium carbonate so it would simulate the deep, brush-bristle striations we found in the original paint.

Next he formulated the glaze using conservation-grade powdered pigments mixed in oil-based glazing, a liquid used for decorative painting. Nigel applied all coats with the grain of the wood, which

Since lab analysis indicated the verdigris pigment was boiled in linseed oil, it confirmed that the re-created glaze should be yellow-green, rather than the acid green of verdigris simply ground in oil.

meant that he even had to miter the corners as he worked. This was typical practice historically for glaze, and it articulates the architectural elements clearly. After the glaze had dried, Nigel topped the glaze with two coats of oil varnish to approximate the extraordinary high gloss of the finish as well as to protect it. The results are striking and have been greeted with great enthusiasm by the public. In fact, I like it so much, I am thinking about having verdigris glaze in my own home. 🏠

*Alexandria M. Mason is the curator at the House of the Seven Gables in Salem, Massachusetts. For more information on the house and tours, visit [www.7gables.org](http://www.7gables.org).*



#### MORE FROM OLDHOUSEJOURNAL.COM

For related stories online, see "Choosing Exterior Paint" and "Colors for a New Century." Just click to "The Magazine" section, and go to the alphabetical list of recent features.



## Postwar affluence spawned second homes for hiding out and showing off.

**D**riving north through Wisconsin last summer, I passed six A-frames along the side of the road. One served as the lobby to a rather rundown motel, another was a small suburban church, and the rest stood as dwellings peeking out from the pine forests. All were at least 30 years old. These structures were the enduring evidence of the post-World War II boom in modest and affordable A-frame house construction—a triangular building form so influential that its cultural caché was co-opted for other uses, such as motels and churches. Where did these odd buildings come from and what made them so popular during the 1950s and '60s?

The A-frame was the right shape at the right time. The mid-20th century was the era of the “second everything,” when postwar prosperity made second televisions, second bathrooms, and second cars the just desserts of middle-class American life. Signs at hardware stores and ads in popular magazines took the idea to the next step, declaring, “Every family needs two homes!...one for the work-week, one for pure pleasure.” Increases in disposable income and free time, new cost-saving building materials, cheap credit,

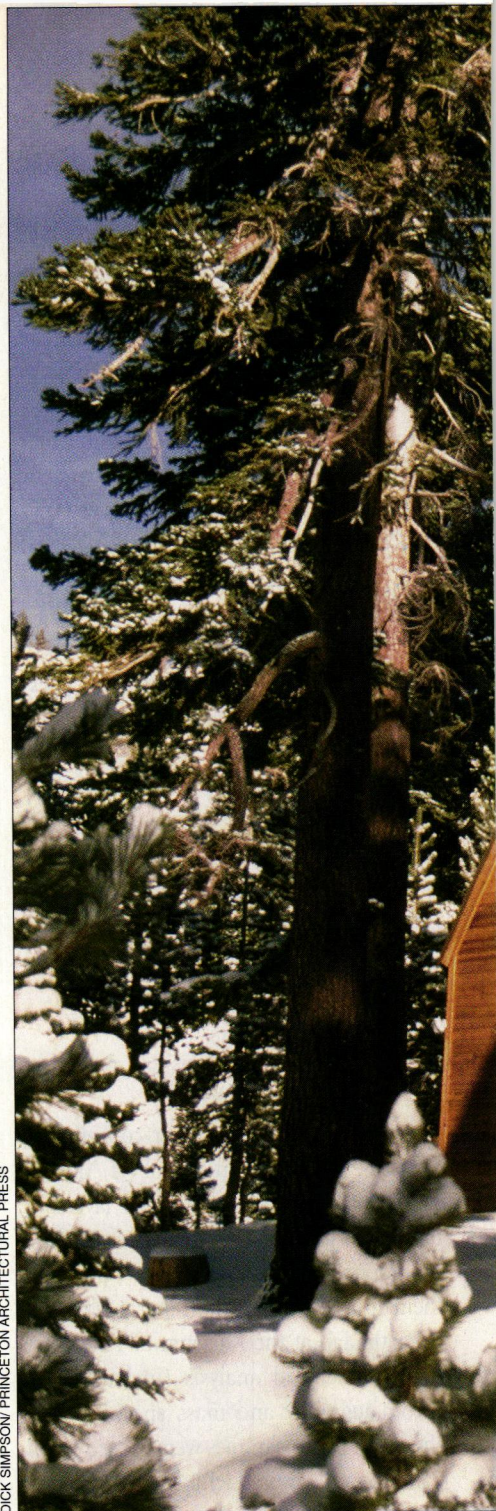
# The Mania for A-Frames

BY CHAD GARRETT RANDL

and road construction that turned wilderness into affordable recreation lots were democratizing the vacation home.

Many of these homes were based upon forms traditional to wilderness settings, from log cabins to clapboarded cottages. At the opposite end of the spectrum were high-concept houses: modernist boxes with flat roofs and glass facades, standing defiant against the landscape. Yet for vacationers who wanted a getaway that was innovative and exciting, modern yet warm, a place wholly suited to the informality of the new leisure lifestyle, a third alternative emerged.

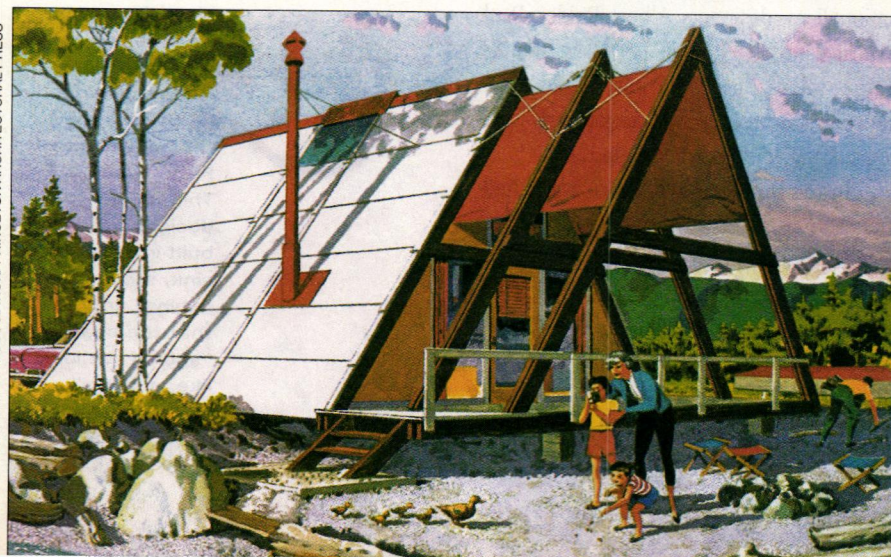
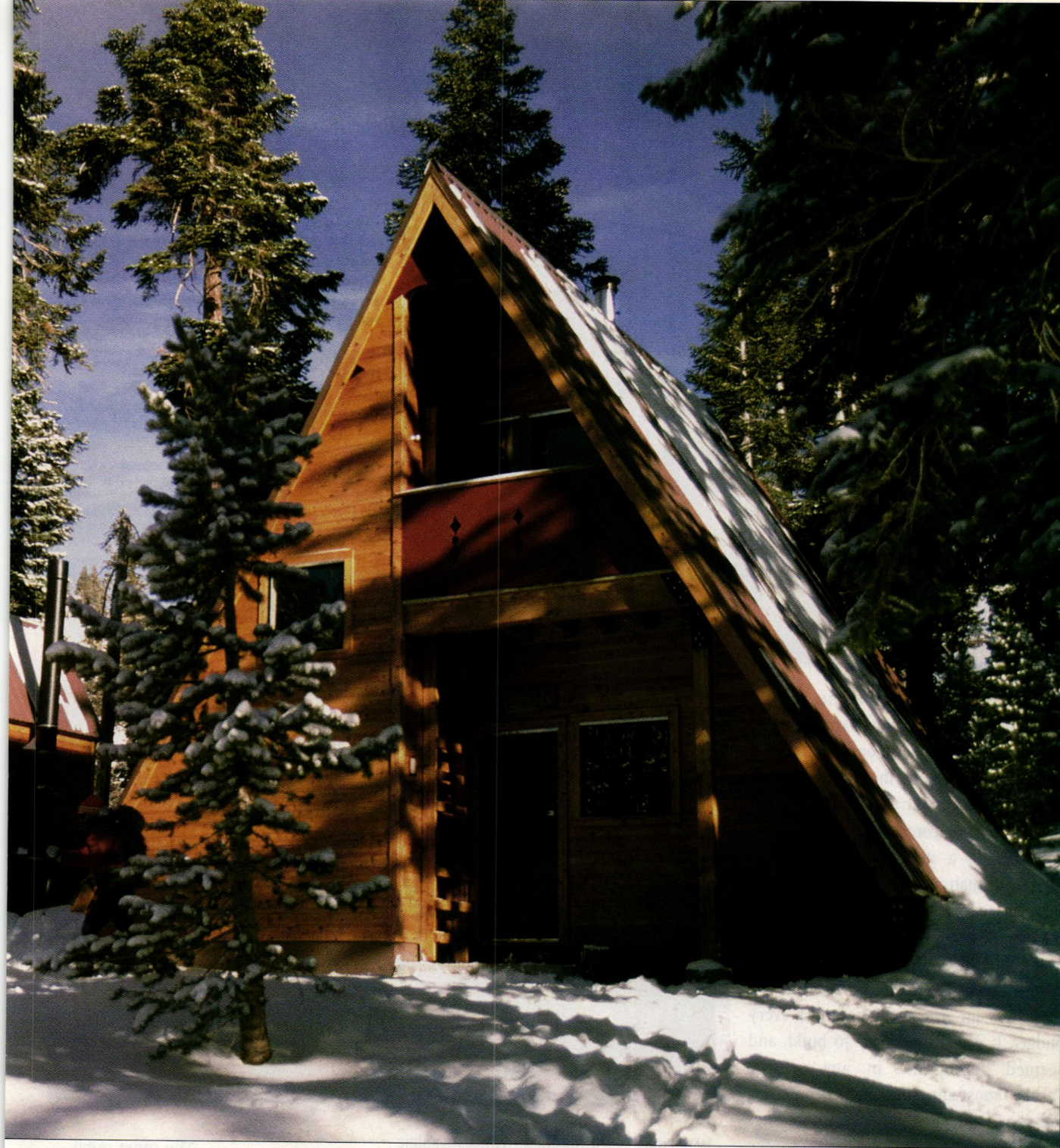
The A-frame—essentially an equilateral triangle in which



DICK SIMPSON/ PRINCETON ARCHITECTURAL PRESS

The Sierra Club was an early adopter of the A-frame—a house form that fit snow as well as shore. The Bradley hut, built in memory of past Sierra Club president Josephine Crane Bradley, was dismantled in 1997 and reconstructed four miles from its original site.



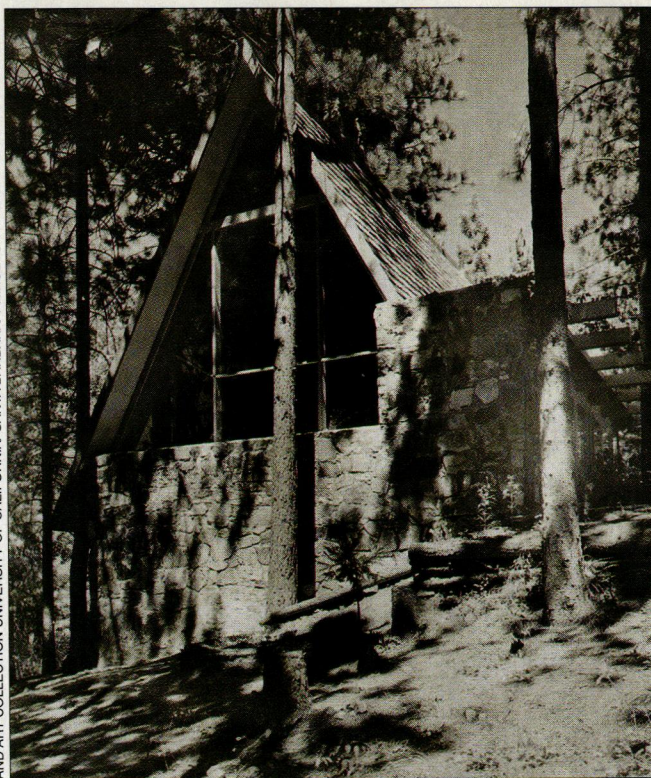


In the eyes of 1960s marketers, A-frames fit the bill as affordable—even owner-buildable—vacation homes for all. Plan-book A-frames like the Ranger from the Douglas Fir Plywood Association cannily promoted both a lifestyle and a building material.



Architect  
Rudolph  
Schindler's 1934  
Bennati House, in  
Lake Arrowhead,  
California, is one  
of the first  
known all-roof  
vacation homes  
in the United  
States. A series  
of 60-degree  
triangular truss-  
es, tied laterally  
by collar beams  
and resting on a  
masonry base  
form the  
structural frame.

R. M. SCHINDLER COLLECTION, ARCHITECTURE  
AND ART COLLECTION, UNIVERSITY OF CALIFORNIA / SANTA BARBARA / PRINCETON ARCHITECTURAL PRESS



Plan books from the 1950s often tout-  
ed the A-frame as having an ancient  
past. Swedish folklorist Sigurd Erixon  
documented many mid-19th-century  
structures including this horse stable  
he called the "saddle-roof house."



NORDISKA MUSEETS BILDBYRÅ / PRINCETON ARCHITECTURAL PRESS

the roof and walls form one surface  
descending to the floor—transcended  
geographical, social, economic, and stylis-  
tic bounds to become the iconic vacation  
home of the postwar era. It could be the  
embodiment of contemporary geometric  
invention, or a steadfast, timeless form  
suggesting nature and rustic survival. It  
was a place to hide out or a place to show  
off. From Nathaniel Owings's grand design  
overlooking Big Sur to the small plywood  
shacks advertised in *Field and Stream*,  
there was an A-frame for almost every  
budget. It was strong, easy to build, and  
seemed appropriate in any setting.  
Perhaps most appealing, the A-frame was  
different with an individuality that sug-  
gested relaxation and escape from the  
workaday world.

## The Inspiration for A-frames

Triangular buildings did not always hold  
such playful connotations. So-called "roof  
huts" turn up in ancient Japan, Polynesia,  
and throughout Europe where they func-  
tioned as cooking houses, farm storage  
sheds, animal shelters, and peasant cottages.  
Some survived into the 20th century, per-  
haps to influence several Swiss and German  
architects who rediscovered the form in the



HEIDI AND PETER WENGER / PRINCETON ARCHITECTURAL PRESS

1910s and '20s. Imbuing it with a nostalgic  
nationalism, designers Albert Reider, Paul  
Artaria, and Ernst May proposed the A-  
frame as a response to the post-World War I  
housing shortage, as well as for early ver-  
sions of the weekend mountain hut.

In the United States, the A-frame had  
long been used for ice houses, pump hous-  
es, field shelters, and chicken coops, but no  
one thought to live in them by choice. This  
view changed in 1936, when Rudolph  
Schindler designed an A-frame home for  
Gisela Bennati on the hills above Lake  
Arrowhead, California. To meet building

The most publi-  
cized European  
postwar A-frame  
was the Trigon  
Chalet, designed  
by Swiss archi-  
tects Heidi and  
Peter Wenger.  
The couple  
designed this  
built-in spherical  
sink, stove, and  
cabinet unit so  
that the space  
"should not look  
like an attic."



MIT students Henrik Bull brought the form East when he designed this two-storey A-frame in Stowe, Vermont, in 1953—probably the first in the area.



HENRIK BULL / PRINCETON ARCHITECTURAL PRESS

restrictions in the private resort community, the Austrian-born architect passed the house off as “Norman-style.” Though a departure from much of Schindler’s modern work, it did reflect his interest in geometric roof forms and the dynamic interior spaces that resulted from their use. With a glazed gable end oriented toward the view, an open plan, and extensive use of plywood, Schindler’s A-frame was a modest, postwar vacation home built 20 years ahead of its time.

It was not until the prosperous post-World War II era that conditions were right

for the widespread adoption of triangular vacation homes. The first phase in the A-frame boom (between about 1950 and 1957) saw gradual exploration by a succession of aspiring young designers, many based in the creative architectural environment of northern California. Through their work, the A-frame vacation home in all its myriad variations took shape. They developed ways of enclosing or opening the gable ends, laying out the interior, orienting decks and entrances, inserting dormers and combining frames to make cross-gabled or T-shaped variants—com-

mon approaches that would appear again and again when the form began to take off near the end of the decade.

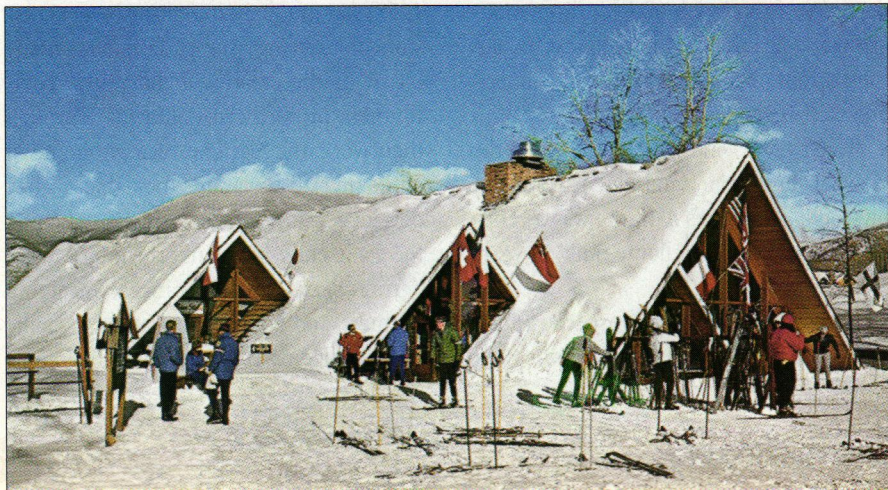
In 1950 Wally Reemelin, an industrial engineer interested in efficient architecture, built a pair of A-frames in the hills above Berkeley, California. Almost concurrently, *Interiors* magazine published an A-frame by San Franciscan John Carden Campbell in a collection of new architecture. Over the next few years George Rockrise developed a cross-gable design in Squaw Valley, California, Henrik Bull built one in Stowe, Vermont, and Andrew Geller





ERNIE BRAUN/ COURTESY OF EICHLER NETWORK ARCHIVES/ PRINCETON ARCHITECTURAL PRESS

Above: John Campbell's Leisure House, featured at the 1951 San Francisco Arts Festival, was high-art modernist design yet affordable to the masses. Right: This stack-gabled A-frame at Aspen Highlands ski lodge in Aspen, Colorado, has overlapping gables that lend an air of sophistication to the slopes.

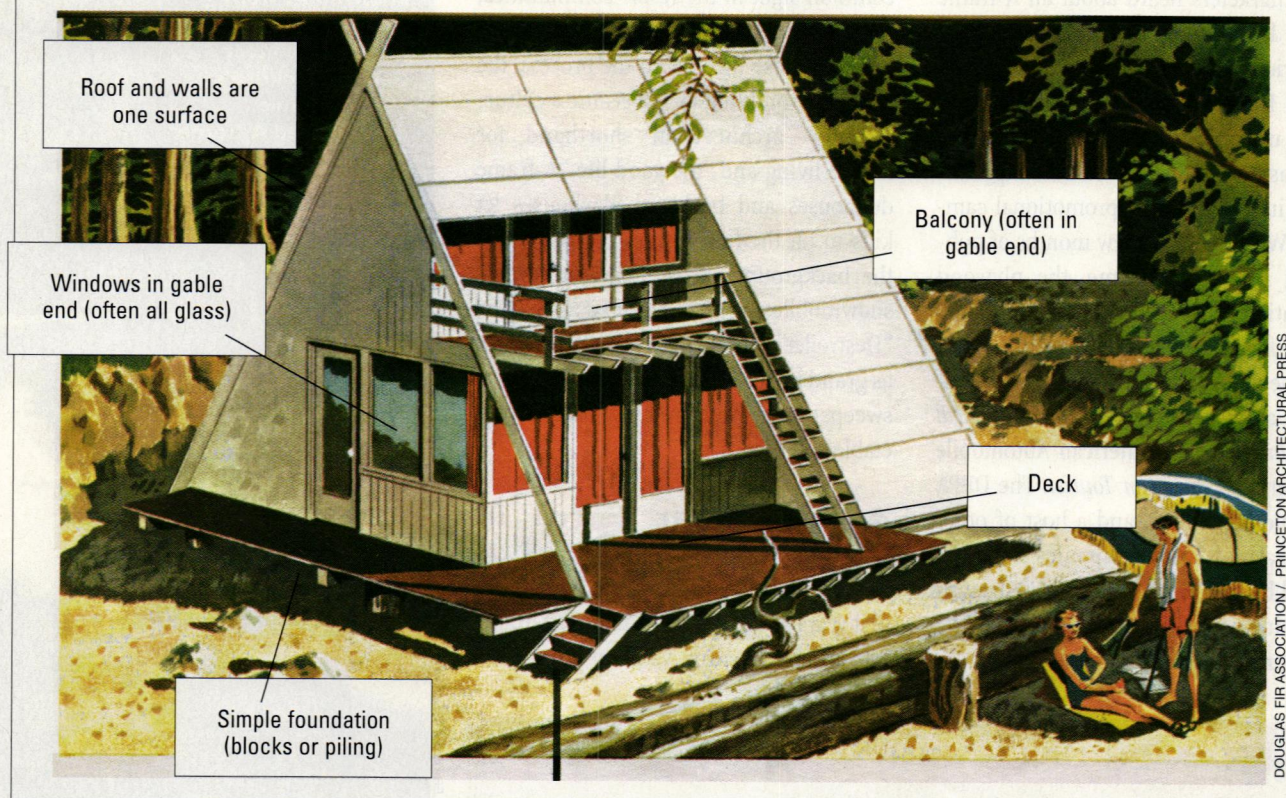


PEPI 2 / PRINCETON ARCHITECTURAL PRESS



## A-Frame Features

In 1958, David Hellyer's cabin plan incorporated classic A-frame elements.



built another in Amagansett, Long Island. (Both eastern A-frames launched successful vacation-home design careers for their architects.) Yet it was John Campbell's version, called the Leisure House, which first aroused popular interest and hastened the spread of the A-frame nationwide.

With a smooth plywood exterior, stark white interior, tatami mats, and butterfly chairs, Campbell's design reveled in its modernist purity. He was fond of saying that the house enclosed the most space in the most dramatic way for the least amount of money. By fixing its dimensions to a 4' module (the width of a sheet of plywood), he further reduced costs and simplified construction of a design that was already cheap and easy to build. From the beginning Campbell saw his A-frame as a potential do-it-yourself project open even to "novices who are all thumbs."

After exhibiting a full-sized model at the 1951 San Francisco Arts Festival, Campbell received a stream of calls requesting more information about the Leisure House. He began selling plans out

of his office and moved quickly to develop a precut kit that contained everything needed to assemble the house, from timber to nails and hammer. The kit appeared in innumerable articles (most notably in *Look* magazine) and at home shows, sporting good fairs, and department store promotions across the West. In 1952 Campbell built his own Leisure House across the Golden Gate Bridge in Mill Valley. In short order he established a small network of dealers offering precut packages in Los Angeles, Denver, and New York. Photographs of the A-frame hanging out over Mill Valley appeared in franchise brochures, magazine articles, and plan books for the next 20 years.

### Leisure Life for the Masses

The Leisure House marked a new phase in A-frame history. It was influential not so much for Campbell's interpretation of the triangular structure, but for the way it was packaged and promoted. Campbell presented the Leisure House as a natural design for

mountain or beach, for summer cottage or winter ski cabin, a fun vacation home form that was contemporary and different yet reassuringly traditional. It was inexpensive enough for young couples to afford, and simple enough for weekend carpenters to assemble. In these ways the Leisure House embodied a new leisure culture.

The spread of the postwar vacation home phenomenon and the excitement stirred by the first generation of custom-designed A-frames did not go unnoticed by the building industry. By the end of the decade, building product manufacturers and trade associations grown rich on the 1950s housing boom and looking for new markets beyond the suburbs, began offering vacation-home plan books that included material lists filled with their products. They teamed up with local builders, lumberyards, and hardware stores to offer precut vacation-home kits and construction services. Instantly recognized and appealing to a wide variety of customers, A-frames were often the centerpieces of these programs.

The Douglas Fir Plywood Association



(DFPA), based in Tacoma, Washington, was one of the first organizations to see the vacation-home boom coming. In 1957 DFPA marketers heard about an A-frame design drawn up by David Hellyer, a local pediatrician and amateur builder. They offered Hellyer free plywood in exchange for the use of his plans, photographed the house as it went up, and featured it prominently in their nascent promotional campaign. Within the first few months of publishing Hellyer's A-frame, the plywood association had filled more than 12,000 orders for complete working drawings. Over the next decade, it appeared in publications as varied as the *Journal of Medical Economics* and the American Automobile Association's *American Tourist*. The DFPA was onto something, and a host of other organizations and companies followed suit, all hoping to cash in on the A-frame's increasing popularity.

During the 1960s, the A-frame zeit-

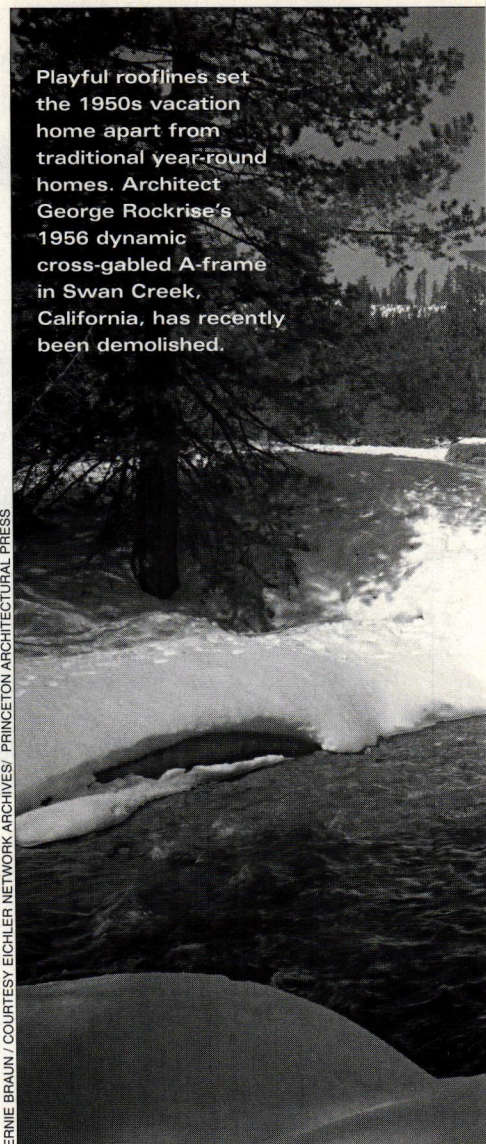
geist became national. A-frames dotted ski slopes from Stowe, Vermont, to Squaw Valley, Idaho, and their variations were a common sight in the resort communities, lake shore areas, forests, and back roads between these meccas. In the process, the triangular building form became a cultural icon—architectural shorthand for leisure living and “the good life.” A-frame dollhouses and backyard playhouses let kids in on the fun. A-frames appeared in the background of ads for motorcycles, snowmobiles, and gas-powered toilets (the “Destroilet”). They were even given away as grand prizes at home shows and mail-in sweepstakes sponsored by frozen vegetable companies.

### A Triangular Form in Eclipse

Fun has its fashions, however, and by the first years of the 1970s, the modest A-frame was an anachronism. Vacation homes had

Playful rooflines set the 1950s vacation home apart from traditional year-round homes. Architect George Rockrise's 1956 dynamic cross-gabled A-frame in Swan Creek, California, has recently been demolished.

ERNIE BRAUN / COURTESY EICHLER NETWORK ARCHIVES / PRINCETON ARCHITECTURAL PRESS



### A-FRAMES UNLEASHED

The broad adaptability of the triangular building form, coupled with its striking appearance, soon moved beyond ski chalets. Beginning in the 1950s and reaching a peak the following decade, the A-frame was also adapted for hundreds of new religious structures built on the heels of America's move to the suburbs. Eero Saarinen's 1958 Chapel at Concordia Theological Seminary in Fort Wayne, Indiana, is perhaps the most notable A-frame church. In 1963, Walter Netsch, Jr. exploded the typically flat A-frame roof plane into three dimensions with the Air Force Academy Cadet Chapel in Colorado Springs. A-frames, though, were also used to sell burgers. Roadside businesses like the Wienerschnitzel and Whataburger fast-food chains, mom and pop motels, liquor stores, and car washes co-opted the A-frame shape to attract attention and lure customers into their parking lots and drive-throughs.

Twenty-five individual A-frame units at the Ranch Motel, Rice Hill, Oregon, are still in existence.

CHAD RANDL / PRINCETON ARCHITECTURAL PRESS



increased in size and retreated from the earlier whimsical tendencies until there was little to distinguish them from permanent houses. Real estate prices rose so high that it made little sense to build a \$10,000 A-frame on an \$80,000 lot. The energy crisis later in the decade further curtailed demand for remotely located, uninsulated, and notoriously difficult-to-heat vacation homes. Condos and time-shares became a preferred option for those who earlier may have selected an A-frame. Yet some elements of A-frame design lived on. Living rooms with vaulted ceilings, loft areas, and large, glazed gable ends—signal features of postwar triangular shelters—became common in permanent homes in the 1970s.

Today, with recreation land in short supply and in great demand, A-frames built in the 1950s and 1960s have fared poorly.





GREGORY DONOFFRIO / PRINCETON ARCHITECTURAL PRESS



Those that aren't promptly demolished to make way for 6,000-square-foot Mc (Vacation) Mansions are turned into the mudrooms or entryways for much larger homes. Just last year, George Rockrise's 1954 cross-gable design, featured in countless magazine articles throughout the period, was torn down by a new owner more interested in the prime Squaw Valley property on which the house sat. Others have hung on, mostly forgotten and often remodeled beyond recognition. Wally Reemelin's Berkeley A-frames survive, as does David Hellyer's DFPA double-decker near Olympia, Washington. In contrast, two floor joists tucked beneath a much expanded structure are all that remain of John Campbell's Mill Valley Leisure House.

Recently, a few aficionados of mid-century modern architecture have bought

A-frames and brought them back to their 1960s appearances. While some are restoring old A-frames, others are building them anew. In 1998 architect Steven Izenour of Venturi, Scott Brown and Associates built a distinctive A-frame library and sculpture studio for the Acadia Summer Arts Program in Maine. For folks interested in a typical triangular vacation home, plans are still floating around, most dating from the A-frame's heyday. Recently, I met Larry Stover, an electrician and amateur builder, who used a set he bought on the Internet for his lot on the Green Briar River in West Virginia. It turned out to be a copy of Hellyer's drawings from 1957.

During the early 1960s, 300,000 families a year bought or built a vacation home. Many chose a design that, though rooted in ancient building traditions,

Survivors of the past, such as Wally Reemelin's A-frames, can be found throughout the San Francisco Bay area, a testament to their solid construction and structural shape.

seemed an appropriate backdrop for the pastimes of postwar prosperity. A-frames were in harmony with nature, blurred the distinction between interior and exterior, could be built by those who wanted to do it themselves, and were easily packaged into affordable kits. They brought the dream of a second home within reach of an ever larger number of Americans. 🏠

**Chad Garrett Randl**, an architectural historian working at the National Park Service, is the author of the book *A-Frame*, published by Princeton Architectural Press ([www.aframehistory.com](http://www.aframehistory.com)).

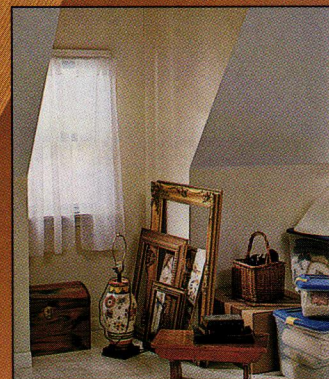
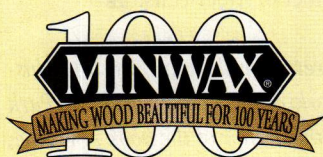


# Paneling Makes Perfect

Like any other part of a house, walls can suffer from the effects of time and wear and tear. With its sloped ceiling and gable windows, the attic in this project had excellent "bones" for a makeover into a wood-paneled home office.

So the first order of this office's business was to nail up a ceiling's worth of Douglas fir beaded board. Before the tongue-and-groove slats were installed, they were stained with Minwax® Gel Stain Honey Maple and then finished with two coats of Minwax® Wipe-On Poly Satin.

To complete the space, a birch desk from an unfinished furniture store was stained and finished in one step with Minwax® Polyshades® Olde Maple Satin. As always, natural wood makes for a nice look and, here, a nice place to work.

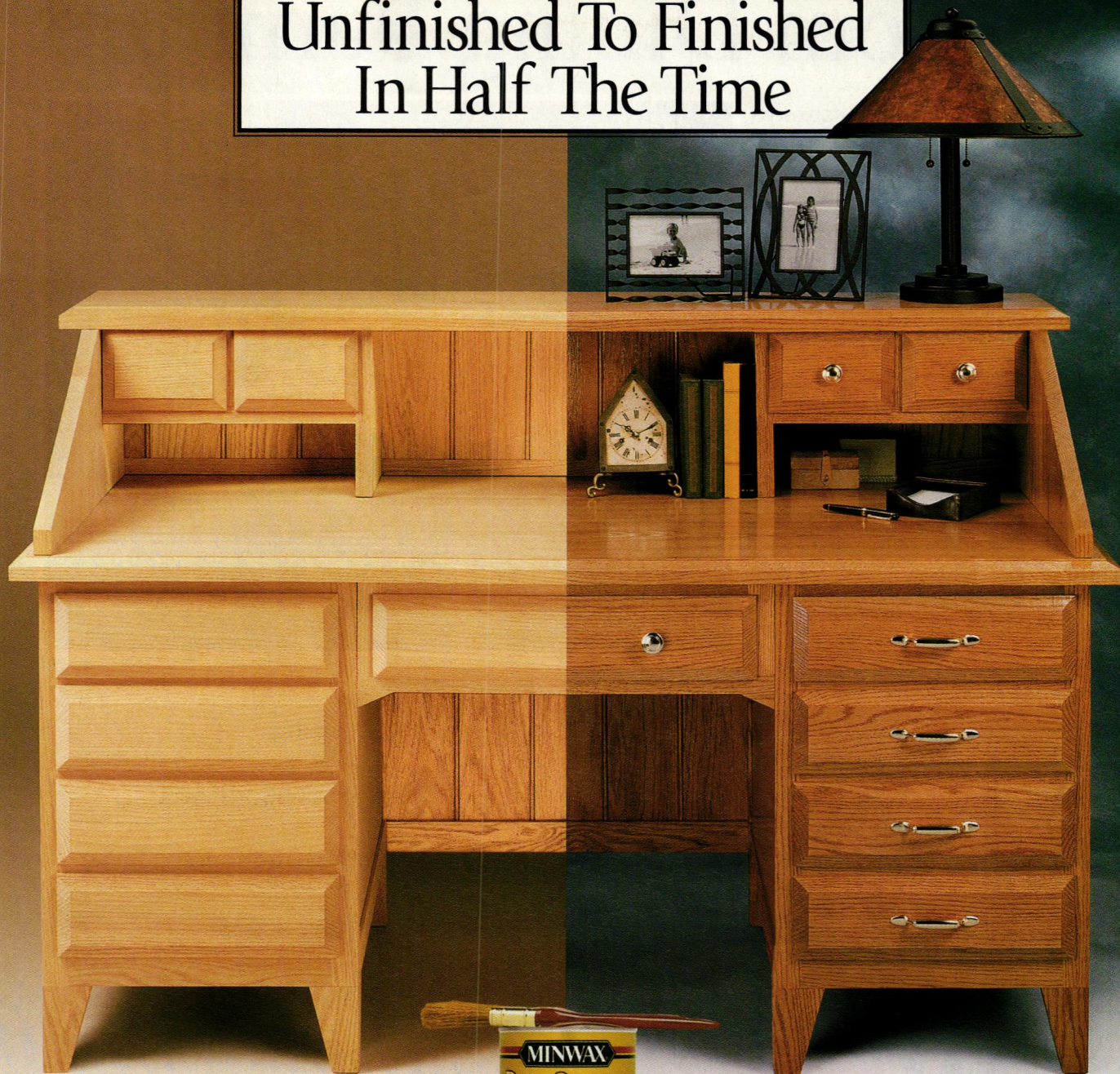


The quick, beautiful  
solution for rough walls





# Unfinished To Finished In Half The Time



Now wood finishing is twice as fast, twice as easy with Minwax® *Polyshades*®. That's because *Polyshades*® combines stain and polyurethane in one. Stain to add rich color and enhance wood's natural grain, and polyurethane for



long-lasting protection and a warm luster. *Polyshades* comes in a variety of colors, and can be used over raw wood or even previously finished wood, without having to strip away the old finish. *Polyshades*. A beautiful finish in a lot less time.

## STAIN & POLYURETHANE IN ONE



[minwax.com](http://minwax.com)

©2004 Minwax Company. All rights reserved.

Circle no. 126





# Custom Dining Furniture

Paul Downs makes tables in every size, shape, and configuration. We provide expert design assistance to help you plan the perfect dining room. See our website for over 100 table designs, along with chairs, servers, and more - or call us for more information.

The Brandywine Table features ball bearing slides and self storing leaves. In solid cherry; seats 8 to 14. As shown: \$3650. Penn Valley server: \$8900 Lemonde chairs: \$575 each



Never struggle to open your table again. Paul Downs makes tables with ball-bearing slides and self storing leaves that can be easily opened by one person. See our website for complete information on different configurations available.

- Custom sizing
- Unusual configurations
- Waterproof urethane/oil finish
- Ball bearing slides
- Self-storing leaves
- Matching chairs and servers
- Affordable nationwide shipping

**PAUL DOWNS**  
CABINETMAKERS



401 E. 4th St. Bridgeport, PA 19405  
610 664 9902  
[www.pauldowns.com](http://www.pauldowns.com)



# Old-House Products

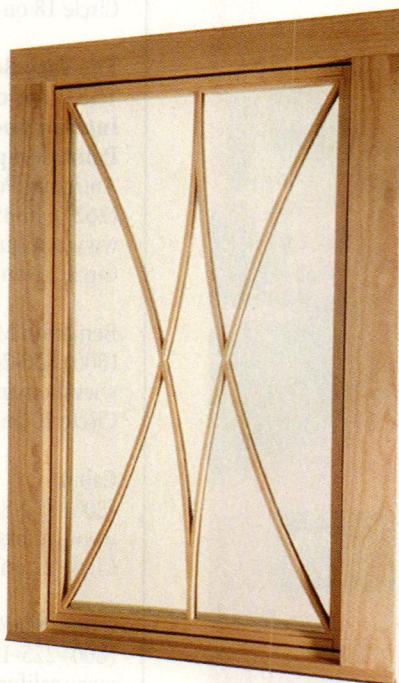


## Made of Steel

Metal was a popular roofing choice in the late 19th century and an appropriate material for many old houses today. Centura Plus steel roofing shingles from Georgia-Pacific last twice as long as asphalt and are ideal for coastal areas or where winters are long and harsh (the smooth roofing surface helps shed snow). The shingles are constructed with strong yet lightweight Galvalume steel and coated in Tedlar (polyvinyl fluoride), which provides unique weathering properties that protect the finish from fading and cracking. For more information, visit [www.gp.com/build](http://www.gp.com/build). Circle 9 on the resource card.

## Strong Views

When moisture has rotted your old-house windows, you don't have to settle for aluminum or vinyl replacements. Jeld Wen introduces "AuraLast" wood to its line of Pozzi windows. Made from solid western pine, AuraLast windows are pressure treated with water-based, environmentally friendly preservation ingredients that prevent wood decay, water absorption, and termite infestation. The window also has a 20-year warranty. For more information, visit [www.jeld-wen.com](http://www.jeld-wen.com). Circle 10 on the resource card.



## Power Wash

Quite often all an old house needs to make it sparkle is a good wash. Campbell Hausfeld introduces a pressure washer featuring a fingertip adjustable pressure nozzle, a new accessory that allows users to control water pressure at the lance rather than at the pressure washer unit.

Featuring 35' cords and using 80 percent less water than a garden hose, this washer is ideal for cleaning building exteriors and garden patios. Model PW 1580, designed for basic home projects, provides 1.7 gallons per minute at 1,500 pounds per square inch and retails for \$149. For more information, visit [www.chpower.com](http://www.chpower.com). Circle 11 on the resource card.


## Dinky Dowel

The Mini-X from the Miller Dowel Company is a new stepped solid-wood structural fastener developed specifically for small projects that use thinner

solid woods such as repairing cabinet moulding and trim, small fencing, or desk drawer boxes. Available in birch, cherry, red oak, and black walnut, these dowels are an alternative to traditional blind dowels and biscuits. For more information, visit [www.millerdowel.com](http://www.millerdowel.com). Circle 12 on the resource card.







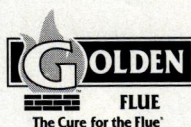
**We're In  
America's  
Most Historic  
Chimneys.**

## NOT ALL CHIMNEY LINERS ARE CREATED EQUAL.

Home restoration experts know the difficulties involved in making old chimneys into safe and structurally sound chimneys, while maintaining their historic integrity. That's why more and more people are calling on GOLDEN FLUE. We're the cost-in-place masonry liner experts with America's most fire retardant chimney lining mixture.

Poured and hardened right in the chimney, GOLDEN FLUE even increases the strength of the original structure.

Before you settle for a stainless steel liner, tile liner, or GOLDEN FLUE "look-a-like" call the experts who started it all for a free brochure and the name of an authorized GOLDEN FLUE dealer in your area.



Call For A FREE Brochure Today. 800-446-5354

Circle no. 159



# Protect The Great Indoors

**With beautiful, clear finishes from Minwax®.**

Whether it's the warmth of wood furniture, the richness of a wood floor, or the classic style of wood doors and trim, trust Minwax® to protect it all. Fast-Drying Polyurethane provides superior protection while enhancing wood's natural beauty. Wipe-On Poly applies easily for a rich, hand-rubbed look. Water-based, low odor Polycrylic® dries crystal clear. And Helmsman® Spar Urethane guards against moisture and fading from sunlight. So protect wood beautifully with Minwax® clear finishes...and enjoy your view of the great indoors.




THE NEW YORKER WORKSHOP PROUD SPONSOR

**minwax.com** ©2004 Minwax Company. All rights reserved.

Circle no. 126

## Suppliers

Listed below are a number of resources and suppliers for the old-house restorer. For an in-depth compilation of companies serving the old-house market, go to the "Restoration Directory" on [oldhousejournal.com](http://oldhousejournal.com).

### Outside the Old House page 35

Burnt Ridge Nursery  
(360)985-2873,  
[landru.myhome.net/burntridge/](http://landru.myhome.net/burntridge/)  
Circle 14 on resource card.

Edible Landscaping Nursery,  
(800)524-4156; [www.eat-it.com](http://www.eat-it.com)  
Circle 15 on resource card.

Hidden Springs Nursery  
(931) 268-2592  
Circle 16 on resource card.

One Green World  
(877) 353-4028  
[www.onegreenworld.com](http://www.onegreenworld.com)  
Circle 17 on resource card.

Raintree Nursery  
(360) 496-6400  
[www.RaintreeNursery.com](http://www.RaintreeNursery.com)  
Circle 18 on resource card.

**The Vary Best Colors page 50**  
**The Color of Money page 66**  
**Interior and Exterior  
Paint Companies**  
Antiquity Period Designs, Ltd.  
(262) 646-4911  
[www.antiquity-furniture.com](http://www.antiquity-furniture.com)  
Circle 19 on resource card.

Benjamin Moore & Co.  
(800) 826-2623  
[www.benjaminmoore.com](http://www.benjaminmoore.com)  
Circle 20 on resource card.

Cabot  
(800) 877-8246  
[www.cabotstain.com](http://www.cabotstain.com)  
Circle 22 on resource card.

California Paints  
(800) 225-1141  
[www.californiapaints.com](http://www.californiapaints.com)  
Circle 23 on resource card.

Cohasset Colonials  
(800) 288-2389  
[www.cohassetcolonials.com](http://www.cohassetcolonials.com)  
Circle 24 on resource card.



## SUPPLIERS

Farrow & Ball  
www.farrow-ball.com  
Circle 25 on resource card.

Fine Paints of Europe  
(800) 332-1556  
www.finepaints.com  
Circle 26 on resource card.

Finnaren & Haley  
(610) 825-1900  
Circle 27 on resource card.

The Glidden Co.  
(800) 221-4100  
Circle 28 on resource card.

Johnson Paint Co.  
(617) 536-4838  
Circle 29 on resource card.

Milk Paint  
(978) 448-6336  
www.milkpaint.com  
Circle 40 on resource card.

New England Traditions  
(800) 878-0029  
www.newenglandtraditions.com  
Circle 30 on resource card.

Old Village Paint Ltd.  
(800) 498-7687  
www.old-village.com  
Circle 31 on resource card.

PPG Architectural Finishes  
(800) 441-9695  
www.olympic.com  
Circle 32 on resource card.

Pratt & Lambert Paints  
(800) 289-7728  
www.prattandlambert.com  
Circle 33 on resource card.

Sydney Harbour Paint Co.  
(818) 623-9394  
www.porters.com.au  
Circle 34 on resource card.

Zissner  
(800) 245-9265  
www.zircon.com  
Circle 41 on resource card.



**House of  
Antique Hardware**  
Original & Reproduction Antique Hardware

Quality Reproductions &  
Hard to Find Originals  
Wide Range of Styles and Selection  
Friendly Customer Service  
Prompt Shipping

**Shop Online: [www.HouseOfAntiqueHardware.com](http://www.HouseOfAntiqueHardware.com)**

Circle no. 495



**SHELDON SLATE** is a family owned business with four generations of experience. We mine and manufacture our own slate products from our own quarries. The range of our colors will compliment any kitchen or bath. Our slate is non combustible, non-porous and non fading. It has a polished/honed finish and is very low maintenance. Use your imagination, and let us help you design and build a custom sink, counter top or vanity.

[www.sheldonslate.com](http://www.sheldonslate.com)

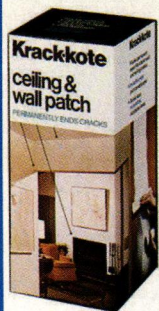
N.Y. Phone: 518-642-1280/Fax: 518-642-9085  
Maine Phone: 207-997-3615/Fax: 207-997-2966

Slate Floor Tile, Flagging, Structural Slate, Roofing, Counter Tops, Slate Sinks, Monuments and Signs



Circle no. 222





TK Coatings, LLC  
427 E. Judd Street  
Woodstock, IL 60098

## END WALL & CEILING CRACKS FOREVER WITH KRACK-KOTE!

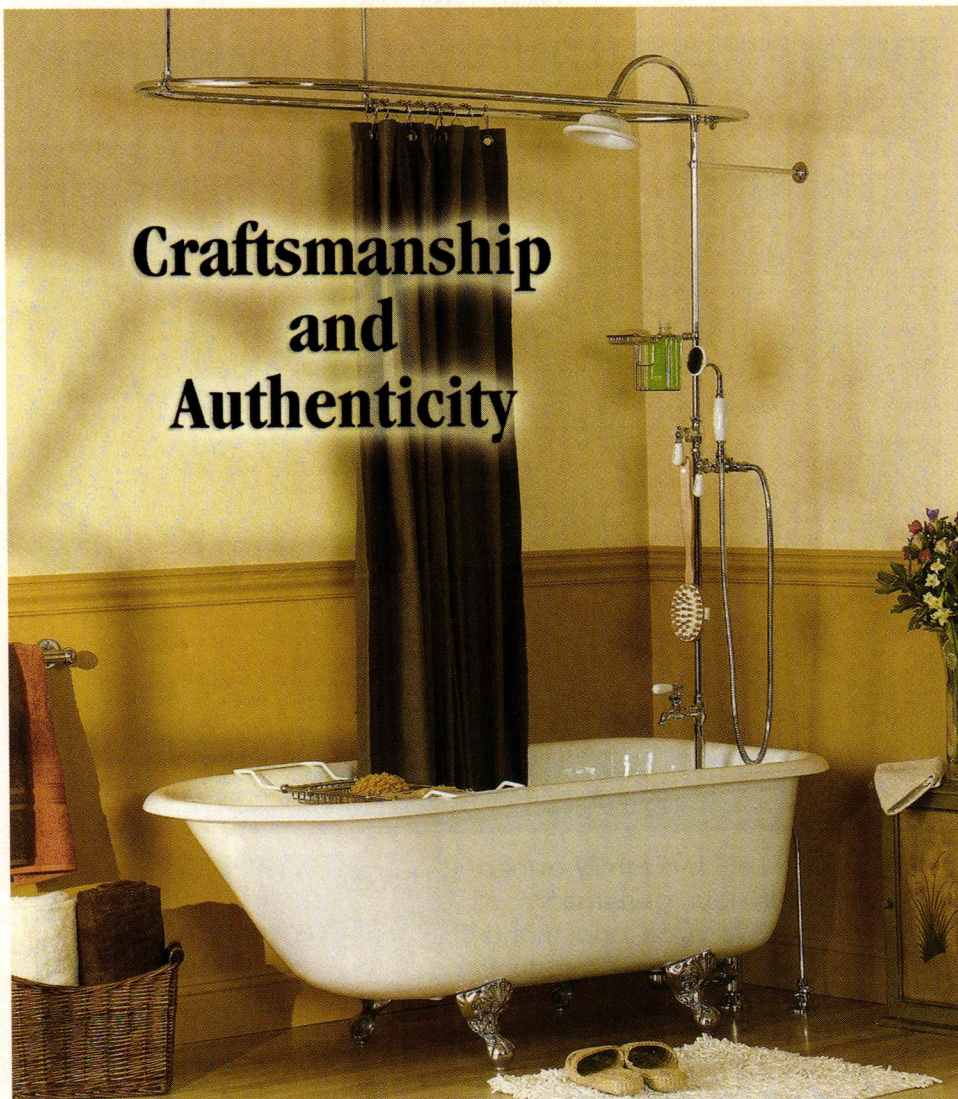
Don't fill cracks over and over, repair them permanently with Krack-kote & Tuffglass Fabric. Krack-kote's strong, flexible patch moves with old walls & ceiling, bridges cracks - works where spackling fails - won't shrink, harden or fall out. No sanding. Invisible under paint or wallpaper. Excellent for plaster restoration.

*Trust Tuff-Kote products - repairing and restoring homes like yours for over 50 years.*

**Order online at [www.tkcoatings.com](http://www.tkcoatings.com) or call 1-800-827-2056**

Circle no. 448

## Craftsmanship and Authenticity



A century ago, people had an eye for beauty. And quality. And they loved a luxurious soak. That's why Sunrise enjoys bringing you authentic recreations of antique tubs like this clawfoot model. They're made from cast iron and fired on porcelain enamel with solid brass feet in your choice of finishes. All Sunrise shower fittings are also solid brass using washerless valves, guaranteed for life. To see our complete line of period bathware visit our website, or select showrooms nationwide.

## SUNRISE SPECIALTY

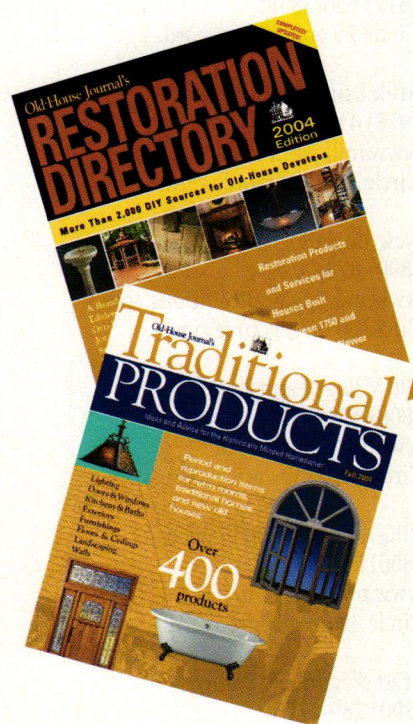
Tel: 800-444-4280 • [www.sunrisespecialty.com](http://www.sunrisespecialty.com)

Circle no. 180

## SUPPLIERS

OLD-HOUSE JOURNAL's *Restoration Directory* is an annual compilation of more than 2,000 companies offering restoration products and services. OLD-HOUSE JOURNAL's *TRADITIONAL PRODUCTS* is a yearly compendium featuring hundreds of four-color photos showing hard-to-find period products, along with complete background info on each.

To order a copy of either the *Restoration Directory* or *Traditional Products* (\$9.95 each, plus \$5.00 for shipping and sales tax, if applicable), call (202) 339-0744 ext. 101, 9 a.m. to 5 p.m., Eastern Time, Monday through Friday. Or simply make out a check for \$14.95 to OLD-HOUSE JOURNAL, and mail it to OLD-HOUSE JOURNAL's *Restoration Directory*, 1000 Potomac St., NW, Suite 102, Washington, DC 20007.



## MIRACLE Sealants Company



**Solutions for  
all of your  
tile & stone  
care needs.**

[www.miraclesealants.com](http://www.miraclesealants.com)  
1-800-350-1901

Circle no. 591



# Get Rid of Your Gutters!

## RAINHANDLER<sup>®</sup>

### Self-Cleans.

Unique louver design allows leaves and debris to blow or wash away.

### Protects Property.

The Rainhandler self-cleaning system eliminates clogged, overflowing gutters and downspouts. No ground erosion. No more destructive ice dams from frozen gutters.

### Protects You.

The Rainhandler self-cleaning system protects you from the need to climb ladders and roofs to clean clogged gutters.

### Prevents Erosion.

Rainoff is converted to a 2 to 3 foot wide band of soft rain-sized droplets sprinkling the landscaping.

### Maintains Itself.

The all-aluminum, never-rusting, maintenance-free Rainhandler louvers make messy, deteriorating gutters and downspouts history.

### Beautifies.

The Rainhandler system is practically invisible. No gutters, downspouts, leaders or splash blocks to detract from the natural beauty of your home.

### Installs Easily.

Each 5-foot section comes with 3 brackets & 6 screws. Do your entire home in 3 or 4 hours.

### Guarantees.

Rainhandler comes with a 25-year manufacturer's warranty. Performance satisfaction is guaranteed for one full year.

Phone or Write for **FREE** Information



from Savetime Corp.

Dept. OH0704

2710 North Avenue/Bridgeport, CT 06604

**1-800-942-3004/Fax 1-800-606-2028**

Name

Address

City  State

Zip  Email

[www.rainhandler.com/oh](http://www.rainhandler.com/oh)



**LOOKING FOR "INVISIBLE" STORM WINDOWS? HERE THEY ARE!**

**Historic  
Property Owners  
Renovation Contractors  
Commercial Buildings**

**You will see the energy savings  
Not the Storm Windows**

Match Any Color  
Match Any Shape  
Inside or Outside Mounted  
Inside or Outside Removable  
Screen and Glass  
Fixed- Magnetic- Sliding- Lift Out  
Unlimited Possibilities

**ALLIED WINDOW, INC.**

11111 Canal Road  
Cincinnati, Ohio 45241  
(800) 445-5411 (TOLL FREE)  
(513) 559-1883 (FAX)

[www.invisiblestorms.com](http://www.invisiblestorms.com)

*"Where custom work is standard"*

Circle. no. 78

**SAVE TIME & MONEY • INCREASE PRODUCTIVITY**

**Damaged Screw Remover**  
**OVER 1,000,000 SOLD!**

**Eliminate frustration, increase profitability.**

**Extracts No. 6-14 screws—including specialty heads...**

**Remove fasteners made of various alloys,  
including aluminum & soft brass screws.**

**X-OUT® bites onto damaged screwhead and extracts the fastener quick and easy.**

**As simple as a screwdriver.**

Chuck X-OUT® into drill...or use a 1/4" end for hand-held screw-drivers.  
Push, turn and simply extract the fastener.

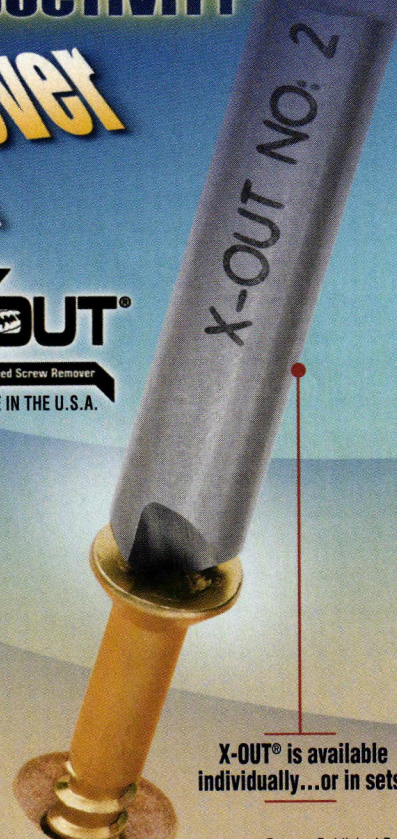
**Order Today! Toll Free 1.800.832.5336**

*From the makers of Drill-Out®...*

**Alden  
Corporation**

P.O. Box 6262 • Wolcott, CT 06716 USA  
Tel. 203.879.4889 • Fax 203.879.6097  
[www.aldn.com](http://www.aldn.com) • email: [alden@aldn.com](mailto:alden@aldn.com)

**X-OUT®**  
Damaged Screw Remover  
MADE IN THE U.S.A.



**X-OUT® is available  
individually...or in sets.**

Patents Published Pending

Circle. no. 289





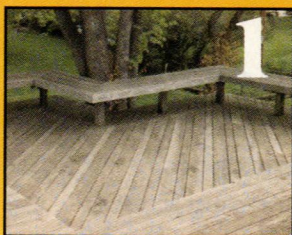
# Custom. Period.

Furniture that fits.  
True custom cabinetry.  
The perfect choice  
for your period home.

**CROWNPOINT**  
CABINETRY

Period styling.  
Handcrafted to the finest quality.

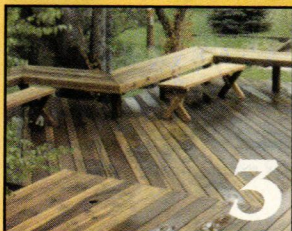
800-999-4994 • [www.crown-point.com](http://www.crown-point.com)



Remove the Weathered Grey...



Apply Pre-Finish to Lock in  
The Color and Luster...



Apply the Finish Coat for  
Results that Last!

# ABR<sup>®</sup>

## PRODUCTS

Your deck is an ideal summer living space.  
Spruce it up...Enjoy it all season!

RENEW  
ANY WOOD  
SURFACE!  
EASY AS  
1, 2, 3!



**1-800-346-7532 or [www.abrp.com](http://www.abrp.com)**

American Building Restoration Products, Inc.  
9720 S. 60th Street • Franklin, WI 53132

OHJ 7/03

Circle. no. 565



# Is your chimney in shape?

**Let a HomeSaver Chimney Professional check**

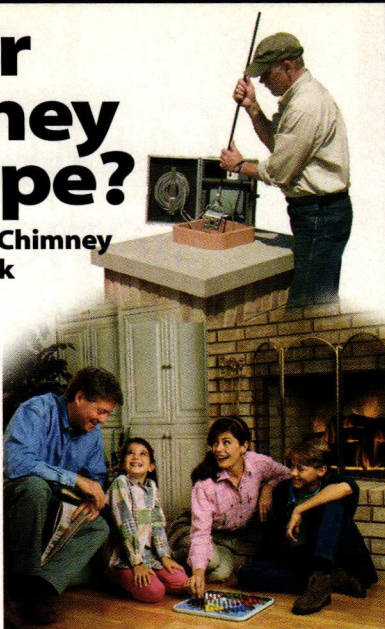
Chimneys play an important role in venting fires and furnaces, yet they can be a hazard if blocked, damaged, or dirty. They can even be a significant source of heat loss. Contact a HomeSaver Chimney Professional to make an appointment for a chimney cleaning and inspection. Our chimney experts can diagnose problems and provide solutions, such as a chimney cap, a chimney liner, or an energy-saving fireplace damper. Call or visit our Web site for the HomeSaver Chimney Professional in your area.



**HOME SAVER**  
Creating safer and more energy-efficient chimneys

[www.homesaver.com/ohj](http://www.homesaver.com/ohj)

Toll-free 866-466-3728 • 866-HOMESAVER



## THE FIRST WORK GLOVES THAT HELP YOU WORK.

New task specific Flex Grip Gloves deliver a whole new level of dexterity and form-fitted support. Call (800) 325-0455 Ext.121 or visit [www.clccustomleathercraft.com](http://www.clccustomleathercraft.com).

**FLEX GRIP**  
Fit for the job.

Made of  
**Clarno**

Available in Canada by



©2004 Custom LeatherCraft Mfg. Co., Inc. South Gate, CA 90280

Circle no. 398

# Get More Out of Your Basement



**Bilco**  
*Building on Our Tradition*

## Bilco basement doors

- Provide convenient direct access to storage areas
- Are counter-balanced for smooth, easy operation
- Feature all steel, weather-tight construction
- Meet building code requirements for emergency egress



Bilco's SLVV door for existing masonry sidewalls

For more information call (203) 934-6363 or log on to [www.bilco.com](http://www.bilco.com)

Circle no. 81





## Handcrafted. Period.

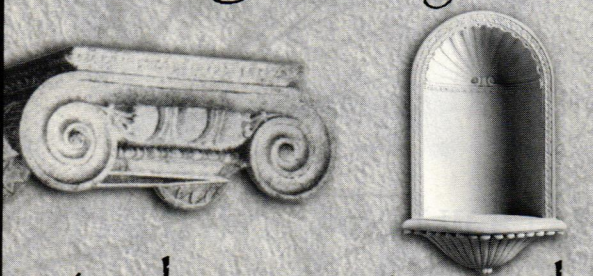
Hand selected woods. Hand fitted joinery. Hand painted finishes. Handcrafted custom cabinetry. The perfect fit for your period home.

**CROWNDPOINT**  
CABINETRY

Period styling.  
Handcrafted to the finest quality.

800-999-4994 • [www.crown-point.com](http://www.crown-point.com)

## Designed by the ages. Crafted by hand.



**Fischer & Jirouch**

[www.fischerandjirouch.com](http://www.fischerandjirouch.com)



Fischer & Jirouch is well known for hand-crafting ornate plaster fixtures as taught by the original owners... old world master artisans nearly 100 years ago. We offer more than 1,500 architectural details in a variety of period styles. Our authentic plaster techniques have been improved to meet today's applications by architects, tradespeople, and do-it-yourselfers who rely upon our pieces to enhance their exterior and interior spaces. Easy to install. Affordable. Custom reproductions available.

Send for our 144-page catalog (\$10 US, \$15 Canadian)



**THE FISCHER & JIROUCH CO.**

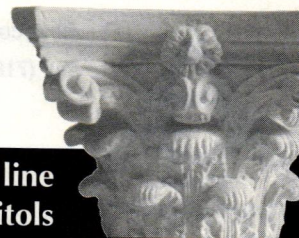
4821 Superior Ave.  
Cleveland, Ohio 44103

**(216) 361-3840**

(216) 361-0650 fax

No credit cards.  
We ship UPS only (no P.O. boxes)  
Canadian orders in U.S. dollars

**Ask about our new line  
of Polyurethane/Resin Capitols**



Circle no. 91



Custom Made Window Shades

SINCE 1930  
**ZWICK**  
WINDOW SHADE CO.

Extensive Fabric & Trim Selection



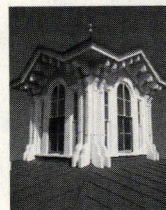
Handcrafted in the USA • Quality Since 1930

3336 W. Foster Ave., Chicago • Toll-Free (877) 588-5200 • Toll-Free Fax: (877) 588-5253

Circle no. 553

## TIN ROOF RESTORATION

The Space Age Solution  
for Weatherproofing  
Historic Roofs



Acrymax® Coatings and Systems help you restore, beautify, and protect a variety of historic roof types, as well as masonry and stucco walls. A long-lasting, environmentally safer alternative to other

systems. Acrymax systems are easy to apply and come in a variety of colors. Call today for a free brochure on the Acrylic system tough enough to stop leaks cold.

**PRESERVATION**  
**PRODUCTS, INC.**  
*Protecting America's heritage,  
one landmark at a time.*

**1-800-553-0523**

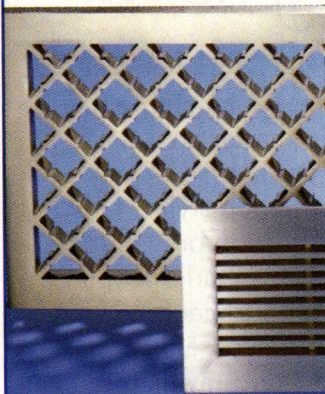
221 Brooke Street • Media, PA 19063  
610-565-5755 • Fax: 610-891-0834  
[www.preservationproducts.com](http://www.preservationproducts.com)

Circle no. 185

### ARCHITECTURAL GRILLE

CUSTOM DESIGNED, FABRICATED & FINISHED

Stock Items Available



**Choices of Aluminum:**  
Brass, Bronze, Steel,  
Stainless Steel and Wood.

**Choices of Finishes:**  
Mirror Polish, Satin,  
Statuary Bronze, Primed,  
Anodized Colors and Baked  
Enamels finishes.

- Perforated Grilles
- Bar Grilles
- Curved Grilles

- Custom Gratings
- Waterjet Logos

**CALL FOR FREE CATALOGUE**



42 Second Avenue Brooklyn, NY 11215

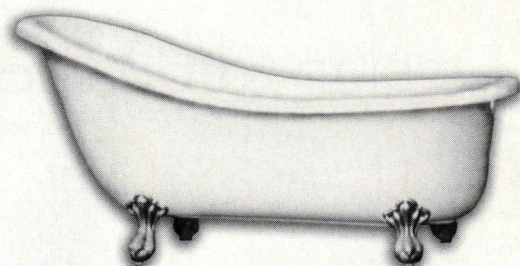
Tel: (718) 832-1200 Fax: (718) 832-1390

1-800-387-6267

[www.archgrille.com](http://www.archgrille.com)

[info@archgrille.com](mailto:info@archgrille.com)

Circle no. 76



## Clawfoot Supply

Acrylic Clawfoot Tubs  
Shower Rings and Rods  
Cast Iron Tubs  
Pedestal Sinks  
Lav Sets and Faucets  
Add-A-Shower Kits

Shop our full color website:  
**[clawfootsupply.com](http://clawfootsupply.com)**

Toll Free: 877.682.4192

Fax: 859.431.4012

[www.clawfootsupply.com](http://www.clawfootsupply.com)

Circle no. 596



# Choices



Rumford fireplaces can be built in almost any size and style. And with new firebrick colors now available from Superior Clay, it's easy to find the perfect combination for any style of home. To find out more about clean burning, efficient Rumford fireplaces, visit us on the web at [www.superiorclay.com](http://www.superiorclay.com).

740.922.4122 • 800.848.6166  
P.O. BOX 352 • Uhrichsville, Ohio 44683

**Superior**  
**Clay** Corporation

[www.superiorclay.com](http://www.superiorclay.com)

Circle no. 538

## To Restore, Visit The FauxStore™

Faux Effects, Inc. Manufacturer  
of Fine Faux & Decorative  
Waterbase Materials  
Since 1990

- Glazes
- Colors
- Stains
- Textures
- Crackles
- LusterStone™
- Metallic Products
- Venetian Gem™ Plasters



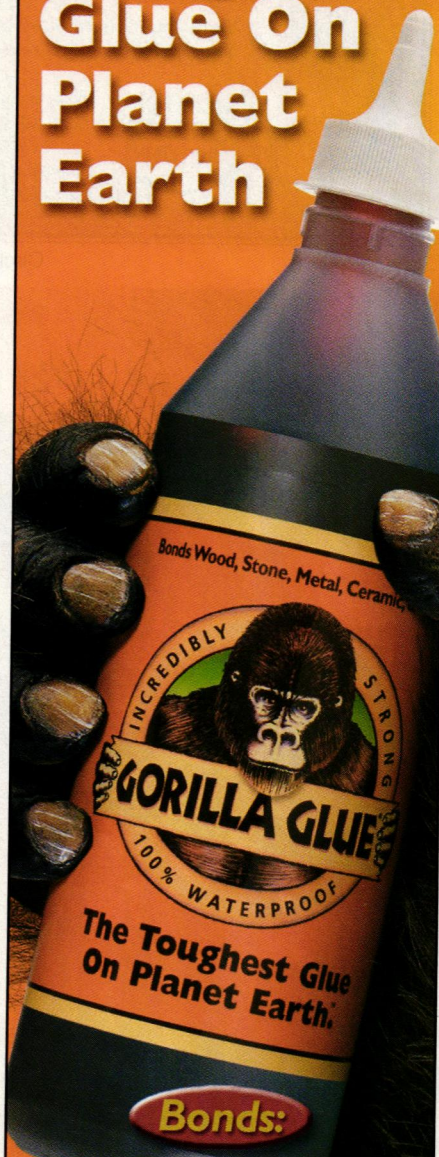
OPEN 24 HOURS-EVERY DAY!

[www.fauxstore.com](http://www.fauxstore.com)

FAUX EFFECTS, INC., VERO BEACH, FL ■ 1-800-270-8871 ■ [www.fauxfx.com](http://www.fauxfx.com)

Circle no. 330

## The Toughest Glue On Planet Earth



**Bonds:**  
**Wood, Stone, Metal,  
Ceramic, & More!**

Gorilla Glue is the versatile, interior/exterior adhesive ideal for most household fixes and building projects: furniture repair, crafts, woodworking, and general repairs around the house. Bonds wood, stone, metal, ceramic & more! Incredibly strong and 100% waterproof.



**REQUEST YOUR FREE  
INFORMATION KIT!**  
[www.gorillaglu.com](http://www.gorillaglu.com)  
**1-800-966-3458**

Circle no. 220





### Hand Forged Iron Lighting (U.L. Approved)

- Outdoor Lanterns, Wall Sconces, and Chandeliers
- Over 350 Original Designs available in 14 Finishes, 5 Glass Choices, and 4 Mounting Configurations

### Hand Forged Iron Firescreens

- Forty Styles of Custom Sized Firescreens, Fireplace Tools, and Accessories



(805) 962-5119 Phone  
(805) 966-9529 Fax  
716 North Milpas Street  
Santa Barbara, CA. 93103  
[stevenhandelmanstudios.com](http://stevenhandelmanstudios.com)



Circle no. 546

## PLAQUES



### Custom Lettered Bronze Markers

- National Register Plaques
- Custom Worded Plaques
- Sizes: Medallions to Roadside Markers
- Graphics and Logos Reproduced
- Metal Photo Images
- Time Capsules
- Discounts to Historical Societies

### ERIE LANDMARK COMPANY

637 Hempfield Hill Rd.  
Columbia, PA 17512

### FREE BROCHURE

Call: 800-874-7848 / Fax: 703-758-2574

See our on-line catalog at

[www.erialandmark.com](http://www.erialandmark.com)

E-Mail: [info@erialandmark.com](mailto:info@erialandmark.com)

Rush service available  
Satisfaction Guaranteed

Ask about short range radio broadcast  
of your historical message

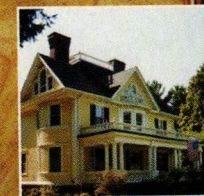
This classic home has central air

So can  
yours

At SpacePak, our best feature is "hard to find." That's because our cooling and heating systems are designed to blend effortlessly into your home's decor to deliver quiet, whole house comfort. The secret to our thirty year success is flexible 2" tubing that feeds through walls and ceilings. All you see are small, round outlets the size of a CD. There's no remodeling, no redecorating. Just a home as comfortable to live in as it looks.

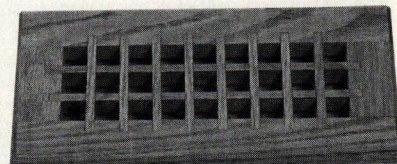
To see what you've been missing,  
contact SpacePak at (800) 465-8558

[www.spacepak.com](http://www.spacepak.com)



**SPACEPAK**  
A Division of

## WOODEN FLOOR GRATES



From 2"x10" to 20"x32"

- 3 FLOOR MODELS
- BASEBOARD • WALLMOUNTED
- UNFINISHED OR PREFINISHED
- EGGCRATE OR LOUVERED

Send \$2.00 for catalog  
and receive a \$5. coupon to:

## GRATE VENTS

P.O. Box 471

Crystal Lake, IL 60039-0471

(815) 459-4306

Fax (815) 459-4267

E-mail: [doug@gratevents.com](mailto:doug@gratevents.com)

[www.gratevents.com](http://www.gratevents.com)

Circle no. 163

Circle no. 352





# ABATRON, INC.

**For FREE CATALOG Call 1-800-445-1754**

## Restoration and Maintenance Products

*Specified by U.S. Government Agencies,  
Architects & Contractors*

### Abatron Systems

meet and surpass standards for wood, stone, concrete and metal restoration. They are based on epoxies, urethanes and other polymers, and have an extensive range of properties.

**Some of the most popular products:**

#### Wood Restoration

**WoodEpoxy:** structural adhesive paste fills and replaces missing wood. It is applied in any thickness, and can be sawn, nailed, stained and worked like wood.

**LiquidWood:** restores structural strength to rotted wood.

Both products permanently restore structures, windows, columns, statuary, boats, etc., and impart water and insect resistance.

#### Concrete, Stone, Masonry Restoration

**AboCrete** permanently repairs and resurfaces concrete driveways, pool decks, loading docks, warehouses, etc.

**AboWeld 55-1**, a sag-resistant version of AboCrete, excels on stairs, statuary and vertical surfaces.

**AboWeld 8005-6** bonds new concrete to old concrete permanently.

**AboCoat & Abothane Series:** floor, wall, tank and tub coatings. Solvent, water and solventless systems.

**AboJet Series** of structural crack-injection resins. Wide range of properties.

#### Moldmaking & Casting Compounds

**MasterMold 12-3:** non-toxic polyurethane paste for making flexible molds of architectural components, capitals, statuary, reliefs, etc. Great dimensional memory. Reuseable.

**MasterMold 12-8:** liquid version of MasterMold 12-3.

**AboCast 4-4:** liquid moldmaking and casting compound. Machinable.

**WoodCast:** lightweight interior and exterior casting compound.

**AboCast 8:** versatile clear casting compound.

**Structural Adhesives, Sealants & Caulks:** wide selection for most environments.



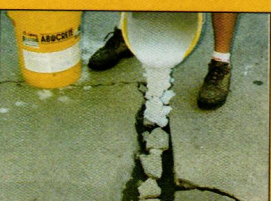
Rotted loadbearing column base sawed off and replaced with **WoodEpoxy**.



Antique window sash consolidated with **LiquidWood** and rebuilt with **WoodEpoxy**.



Consolidation and rebuilding of rotten windowsill with **LiquidWood** and **WoodEpoxy**.



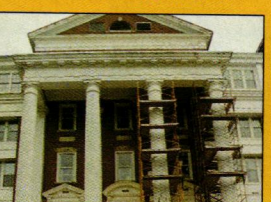
**AboCrete** is much stronger than concrete and bonds permanently.



**AboWeld 55-1** shapes without forms. Outlasts and outperforms concrete.



**MasterMold** makes molds of architectural elements in situ.



**AboJet** for structural crack-injection

**ABATRON everywhere...in all kinds of packaging.**

5501-95th Ave., Dept. OH, Kenosha, WI 53144 Tel: 262-653-2000 1-800-445-1754 Fax: 262-653-2019

Website: [www.abatron.com](http://www.abatron.com) ISO 9001:2000 Registered

Circle no. 228



## Baths From The Past Collection

Creative custom design solutions for the bath & kitchen



Classic Design Faucets, choice of handles & trim. Made to size for old & new marble tops.



64 PG CATALOG-\$5; BROCHURE-FREE 1-800-697-3871 or fax 1-781-871-8533  
Baths From The Past, 83 East Water Street, Rockland, Ma 02370

Visit Us On The Web at [www.bathsfromthepast.com](http://www.bathsfromthepast.com)

Circle no. 325

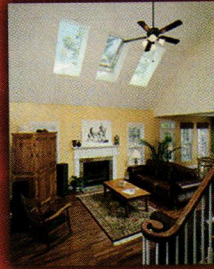
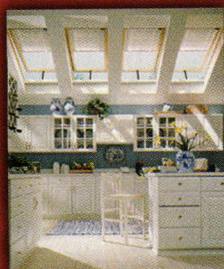
ENHANCING YOUR HOME...  
INSIDE AND OUT.

**APM Direct**  
- Building Products -



APM Direct, your online source for quality building products.

Shutters • Cabinets • Mantels • Skylights • Exterior Vinyl Accents • Millwork • Glass Block • Railing • Fencing



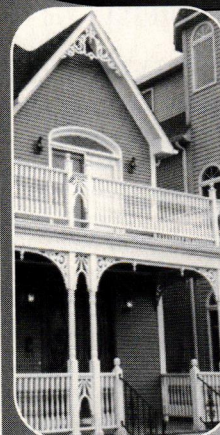
[www.apmdirect.com](http://www.apmdirect.com) • 800-237-7470

Circle no. 543

## VICTORIAN TRADITIONS

CRAFTED IN  
SOLID HARDWOODS

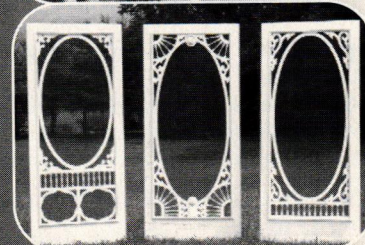
Now...Order Online  
[www.cumberlandwoodcraft.com](http://www.cumberlandwoodcraft.com)



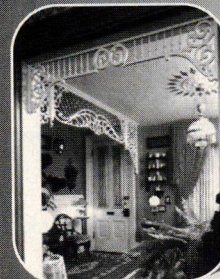
Gables, plus brackets and posts, makes your home into a Victorian masterpiece



Exclusive Woodwork Licensee

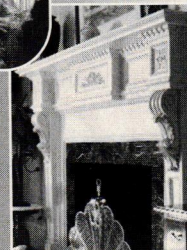


Standard style screen/storm doors. You may also custom design your own doors from many ornate components.



Spandrel, grilles and fretwork help give your rooms the graceful look of yesterday.

Classic style Mantels in solid hardwoods. Also, wood appliques for existing Mantels.



Send \$5.00 for full-color catalog with hundreds of products

FACTORY DIRECT PRICING

Since 1975

**Cumberland Woodcraft Co. INC.**

P.O. Drawer 609, Carlisle, PA 17013 • Dept. 203  
E-mail [sales@cumberlandwoodcraft.com](mailto:sales@cumberlandwoodcraft.com)

**1-800-367-1884**

Circle no. 141



## GRILLES & REGISTERS

Made to Last a Lifetime • Cast Iron • Cast Brass • Cast Aluminum • Wood

Free Catalog

Call (978) 772-3493

www.reggioregister.com



The Reggio Register Co.

Dept. D407, P.O. Box 511

Ayer, MA 01432-0511

SAVE 10% OFF YOUR FIRST ORDER!

Circle no. 189

## Architectural Sheet Metal Ornaments

Now available from the W.F. Norman Corporation, makers of Hi-Art® Steel Ceilings - a complete, 100-year-old line of architectural sheet metal ornamentation including:

- moldings
- brackets
- corbels
- rosettes
- balusters
- urns
- capitals
- festoons
- finials
- scrolls
- leaves
- friezes
- marquee enrichments
- glass pendant frames
- crests
- garlands
- panel ornaments
- lion heads
- conductor heads and fittings

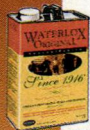
Over 1300 catalog items available in zinc or copper. Custom reproduction inquiries invited.

**W.F. NORMAN CORP.**

Complete catalog \$2.50 • P.O. Box 323, Nevada, MO 64772 • 800-641-4038 • Fax 417-667-2708  
www.wfnorman.com

Circle no. 402

## Tung Oil



n: a yellow oil pressed from the seeds of the tung tree [syn: Chinawood oil]

**Tung Oil has been in existence for centuries.** It is pressed from the seeds of the tung tree. Waterlox original family formulas are handmade with tung oil and resin, creating a unique blend that bonds with the fibers of the wood surface. Since 1916, Waterlox continues to offer a durable and beautiful hand-rubbed look! It is easy to apply and can be maintained beautifully with little effort. Choose Waterlox for all wood surfaces: floors; woodwork; cabinetry; doors; windows and more!

Ask us about our Original Sealer/Finish, Satin Finish and High Gloss Finish. Contact us today by e-mail: info@waterlox.com, or call 1-800-321-0377.

www.waterlox.com

Time Tested Finishes



Circle no. 335

## DON'T PAINT YOUR RADIATORS

Paint drastically reduces the efficiency of steam & hot water radiators and wood enclosures are poor heat conductors.

**Affordable Ace Radiator Enclosures...**

- ◆ Offer durability of steel with baked enamel finish in decorator colors
- ◆ Keep drapes, walls & ceilings clean
- ◆ Project heat out into the room

**arsco**

FREE Product Brochure

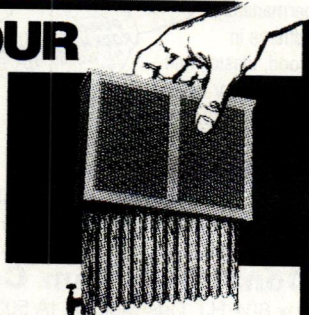
FREE On-site Estimates

Manufacturing Co., Inc.

www.arscomfg.com

3564 Blue Rock Road, Cincinnati, Ohio 45247

Write or Phone Toll-free  
1-800-543-7040



Circle no. 120



## THE ORIGINAL Tin Ceilings AND WALLS

**THIRD GENERATION**

- 38 Designs in 2'x2' lay-in, 2'x4', 2'x8' nail-up
- Steel, White, Brass, Copper, & Chrome plate
- Stainless Steel & Solid Copper for the kitchen backsplash & cabinet inserts
- 15 Cornice styles • Pre-cut miters
- Call for Technical Assistance

**aa-abbingdon affiliates inc.**

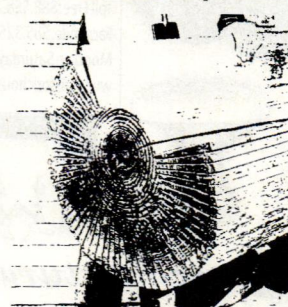
Dept., OHJ 2149 Ullica Ave., Bklyn., NY 11234  
(718) 258-8333 • Fax: (718) 338-2739 • www.abbingdon.com

Circle no. 111



## The Ward Quartersawn Clapboard

*Authentically Produced  
Early American Clapboards*



Over 100 years of continuous operation by the Ward family. Quartersawing produces a vertical grain which eliminates warping and accepts paint and stain easily for extended life and beauty. Spruce and pine. Widths from 4-1/2" to 6-1/2". Pre-staining available.

## Ward Clapboard Mill

P.O. Box 1030  
Waitsfield, VT 05673

Moretown, Vermont Patten, Maine  
(802) 496-3581 (207) 528-2933

Fax 802-496-3294

Circle no. 212





**NOW AVAILABLE!**

## Decorative Metal Ceilings

Original turn-of-the-century patterns

Using 100 year old dies, the W. F. Norman Corporation is once again producing metal plates for the design of ceilings and wall coverings. Their growing popularity stems not only from nostalgia but from their beauty, permanence, fireproofing and economy.

The fullness of the Hi-Art™ line — including center plates, corner plates, border plates, cornice and filler plates — permits classic designs to be produced that are architecturally proportioned for an exact fit.

Write for reproduction copy of 72 page illustrated catalog. Price \$3.

### W.F. Norman Corporation

P.O. Box 323 • Nevada, Missouri 64772 • 1-800-641-4038  
Fax: 417-667-2708 • [www.wfnorman.com](http://www.wfnorman.com)

Circle no. 211



## IN A RECENT POLL 100% OF THOSE BIRDS INTERVIEWED FOUND OUR PRODUCT TOTALLY REPELLING

THAT DARNED NIXALITE WORKS!!!

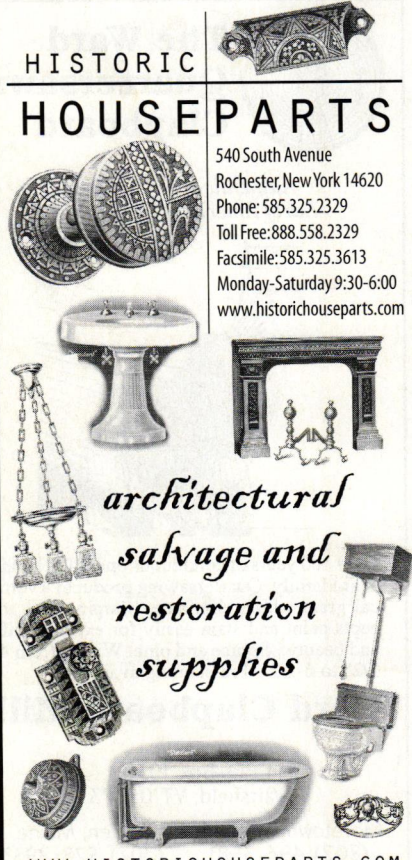
Nixalite stainless steel needle strips - Effective, humane bird control. For the whole story, contact us.

**Nixalite® of America Inc**  
1025 16th Ave. East Moline, IL. 61244  
E-mail: [birdcontrol@nixalite.com](mailto:birdcontrol@nixalite.com)  
Ph: 800-624-1189 Fax: 309-755-0077  
Web: [www.nixalite.com](http://www.nixalite.com)

Circle no. 178

## HISTORIC HOUSE PARTS

540 South Avenue  
Rochester, New York 14620  
Phone: 585.325.2329  
Toll Free: 888.558.2329  
Facsimile: 585.325.3613  
Monday-Saturday 9:30-6:00  
[www.historichouseparts.com](http://www.historichouseparts.com)



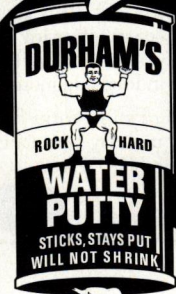
*architectural  
salvage and  
restoration  
supplies*

[WWW.HISTORICHOUSEPARTS.COM](http://WWW.HISTORICHOUSEPARTS.COM)

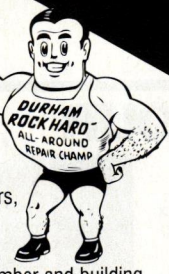
Circle no. 266

## PLASTER REPAIR

### THE ORIGINAL



Use genuine Durham's Rock Hard Water Putty to fill cracks, crevices, joints, and nail holes. You can saw, chisel, polish, color, and mold it too. Sticks and stays put — will not shrink. Only original Durham's offers lasting satisfaction.



Durham's permanently adheres in wood, plaster, and tile. Ideal for use by woodworkers, painters, electricians, and carpenters. Available through hardware, lumber and building material dealers, and paint distributors from coast to coast.

**Donald Durham Co.**  
Box 804-HJ, Des Moines, IA 50304  
<http://www.waterputty.com>

Circle no. 147

Quality insulated wood and metal

## Attic stairs

Large selection of attic stairs, ceiling openings from 18" x 22.5"

Prices starting at \$ 125.00  
Ship nationwide  
Most models in stock

**Calvert USA, Inc.**  
P.O. Box 841, Solomons, MD 20688  
Request free literature or place order on-line [www.CalvertUSA.com](http://www.CalvertUSA.com) or call (866) 477-8455, (410) 326-8455



Circle no. 102

## Screen & Storm Doors



- Mahogany
- Custom sizes
- Tempered glass
- 55 styles

Send \$3 for our catalog

**Touchstone Woodworks**  
PO Box 112  
Dept OHJ  
Ravenna OH 44266  
(330) 297-1313  
[www.touchstonewoodworks.com](http://www.touchstonewoodworks.com)

Circle no. 587



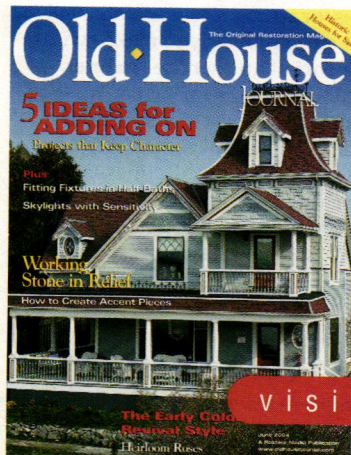


# An Inviting Past, An Enduring Future.

Subscribe to  
**OLD-HOUSE JOURNAL.**  
Your home  
deserves no less.  
Call us at 800.234.3797  
or visit us online at  
[www.oldhousejournal.com](http://www.oldhousejournal.com).

When you subscribe to *OLD-HOUSE JOURNAL*, you'll discover how to blend the elegance of yesteryear with today's modern amenities. Step-by-step instructions, expert "how-to's," and unique insight will help you to discern the tools, funds, processes, and materials you'll need to recapture your home's personality and promise. An authority on homes of every style and every era, *OLD-HOUSE JOURNAL* provides cost-saving tips, beautiful interior schemes, and resources for authentic and reproduction architecture in every issue.

Best of all, *OLD-HOUSE JOURNAL* chronicles the real-life successes of fellow restorers. Their advice for living in an ever-changing renovation environment, and a subscription to *OLD-HOUSE JOURNAL* means you're never alone. Together, we'll work to give your older home a brand-new beginning.



**Old-House**  
JOURNAL

visit us online at [www.oldhousejournal.com](http://www.oldhousejournal.com)



OLD HOUSE JOURNAL'S

# OUTDOOR DESIGN

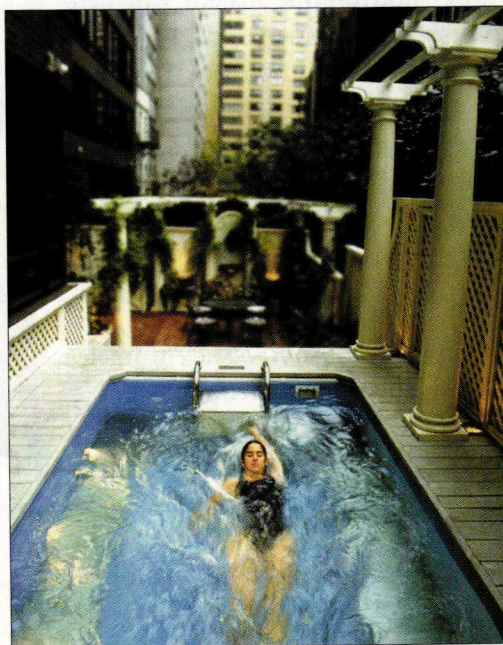
**Y**our mother always told you it's what's on the inside that counts. But she clearly wasn't talking about historical renovation, where the exterior is at least as important as the interior. That critical first impression depends entirely on the outside of the home. Getting the details right for that first glimpse sets the stage for the intricate work that's been done on the interior.

There were times when making beautiful, authentic choices on the exterior meant making a sacrifice in terms of performance or comfort. Not anymore. Take a look through the products in this special section on outdoor design, which show how you can have it all.



## ↑ DALTON PAVILIONS

Dalton Pavilions has introduced a new line of outdoor pavilions designed to enhance the landscape of the finest estates. The Heritage Series is designed using classical architectural elements to create a structure of superb proportion. It is engineered to meet the strictest building codes. "Low" to "No" maintenance materials are used extensively for minimal upkeep. Available in several standard sizes, the pavilions can also be configured to fit a specific site. The prefabricated design allows for simple on-site assembly and illustrated instructions allow an inexperienced crew to complete construction in a day. [www.daltonpavilions.com](http://www.daltonpavilions.com) Circle no. 343



## ← ENDLESS POOLS

Introducing the Endless Pool, a revolution in home health, fitness and fun: swimming and aquatic exercise year-round at home. Endless Pools are also perfect for non-impact exercises during therapy and rehabilitation. The compact 8' x 15' modular design fits into existing spaces such as basements, garages, enclosed porches, or patios. It's easy to install and an affordable way to make swimming a part of an exercise routine. No local pools, no heavy chlorine -- just a private, precisely engineered counter-current pool customized to an individual's needs. Request a free DVD or video and introductory packet to learn more. Call 800-233-0741 ext. 3151 [www.endlesspools.com/3151](http://www.endlesspools.com/3151) Circle no. 253





### ↑ HARTFORD CONSERVATORIES

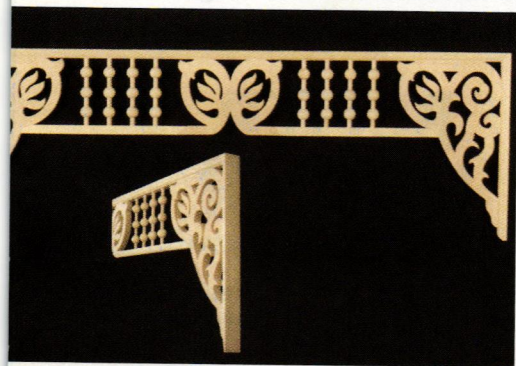
Thanks to Hartford Conservatories, the inviting richness of solid mahogany has replaced the harshness of the aluminum or PVC sunroom. The company's modular "Solid Mahogany Room of Distinction" blends naturally with even the most elegant of homes or historical renovations. The system offers a broad range of sizes and options that can be easily customized to meet the design and budget requirements. Enjoy the natural beauty of mahogany or paint to match the color of the home. Hartford Conservatories combines the English tradition of fine craftsmanship with state of the art structural engineering and technology, and solid mahogany. Lifetime Limited Warranty. Circle no. 279



### ↑ OLD CALIFORNIA LANTERN

Old California Lanterns' Lake Avenue Series of lanterns incorporates the classic design of the bungalow dormer. Illuminated dormers with matching glass panels provide a soft glow over the lantern roof and combine with the narrow horizontal windows to create an exclusive lighting masterpiece. Made of solid brass, this Lake Avenue Lantern is available in 12 different finishes and 12 different glass options. Old California Lantern offers over 525 historically inspired lighting fixtures designed for the bungalow. Request our two-volume catalog set of Lighting for the Bungalow.

[www.oldcalifornia.com](http://www.oldcalifornia.com) Circle no. 404



### ↑ VAN DYKE'S RESTORERS

Add an exciting focal point to any opening whether it's inside or out with these hand-somely crafted, vintage style fretwork spandrels. Each piece is hand-traced on New England basswood, cut on a scroll or band saw, sanded, then secured with nails and glue. Spandrels are crafted from premium basswood and other select hardwoods that may be stained or painted. It's a time-consuming process, but it's still the only way to achieve the intricate authenticity of original Victorian millwork. Spandrels are easy to install and are custom made to the desired length. 800-558-1234. [www.vandykes.com](http://www.vandykes.com). Circle no. 195



### ← ARCHITECTURAL PRODUCTS BY OUTWATER

Outwater pays homage to tradition with its new line of New England style vinyl arbors, trellises, signs, and mailbox posts. Well proportioned and handsomely detailed, each piece adds warmth and character with its distinctive yet traditional design. The vinyl PVC medium offers a thoroughly impervious surface that will not crack, split, warp, fade or yellow over time. It simply never needs to be painted, stained or sealed. Assembly is easy.

[www.outwater.com](http://www.outwater.com) Circle no. 285



Inspiring Style Through Wood



Arts & Craft, Asian, Contemporary Lighting  
Hand-crafted in the USA



**CherryTreeDesign**

Call for our lighting and accessory catalog.  
800-634-3268 • [www.cherrytreedesign.com](http://www.cherrytreedesign.com)

Circle no. 545

## Wood Screen Doors



**Coppa Woodworking, Inc.**  
310-548-4142 • [www.coppawoodworking.com](http://www.coppawoodworking.com)

Circle no. 137

## 40,000+ Decorative Building Products

Lowest Prices...  
Widest Selection...  
All From Stock!



Interior/Exterior  
Architectural Mouldings  
& Millwork

Period & Contemporary  
Hardware

Brass Tubing & Fittings

Kitchen & Bathroom  
Accessories

Columns & Capitals

Fireplace Surrounds

Knobs & Pulls

Wall Coverings

Wainscoting

Balustrading

Lighting

Wrought Iron  
Components

Furniture & Cabinet Components

Stamped Steel & Polymer Ceiling Tiles....

And So Much More

Please Call 1-888-772-1400 For Our FREE Master Catalog!

**Architectural Products by Outwater L.L.C.**

Tel: 1-800-835-4400 Fax: 1-800-835-4403  
New Jersey • Arizona • Canada  
[www.outwater.com](http://www.outwater.com)

Circle no. 285

**Don't Flitch Around! Get it All Together with...**

**BETTER  
HEADER™**  
SANDWICH PLATE SYSTEM

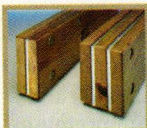
**Take the Hassle Out of Building it Yourself  
Eliminate Hours & Hours of Unnecessary Labor**

**Take Advantage of the Features of Better Header®**

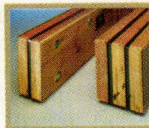
**Stronger Flitch Plate Headers (the original engineered lumber) • Pre-fabbed Sandwich Plate System Requires No Assembly • Quick and Easy with No Furring**  
• Ready to Veneer • Simple to Cut with Metal Saw Blade • Less Expensive than Building it Yourself • Most Beams Shipped in 72 Hours



KILN DRIED DOUG FIR  
w/A-36 Steel



OUTDOOR CCA  
w/Rust Proof Steel



MICRO LAM LVL  
w/A-36 STEEL



W SHAPE I-BEAM  
w/Packed Web

**Only Better Header® Offers You the Patented  
PFS FASTENING SYSTEM**



Designed by engineers and manufactured in-house at our state-of-the-art facility. This multi-angle, pre-fitted steel nut allows for maximum compression without compromising the structural integrity of the lumber. The PFS system, combined with Grade 5 bolts, provides the ultimate strength and eliminates the need for furring...making every project a success.

PROUDLY MADE IN THE USA

**Better Header®**

Sandwich Plate System • 1.877.243-2337  
• [www.betterheader.com](http://www.betterheader.com)

Circle no. 471



# OUTDOOR DESIGN



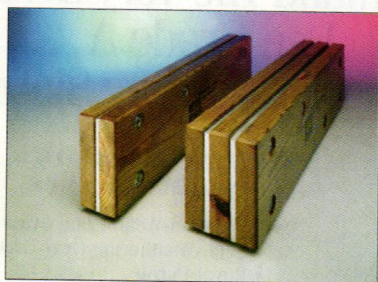
## ↑ TIMBERLANE

Timberlane Woodcrafters manufactures the world's finest exterior wood shutters, interior wood shutters and hand-forged shutter hardware. Handcrafted with traditional mortise and tenon wood peg joinery from the highest quality Western Red Cedar, every Timberlane panel, louver, Bermuda and board & batten shutter is built-to-order. Timberlane offers custom shutter options including panel configurations, cut-outs and radius tops, as well as the largest collection period-perfect shutter hardware available. 800-250-2111. [www.timberlane.com](http://www.timberlane.com) Circle no. 205



## ↑ UNDER GLASS

Under Glass Mfg. Corp. is expanding its selection of standard "Lord & Burnham Greenhouses." The most recent addition is an 11' wide "even span" greenhouse, all aluminum frame and tempered glass. Like all of the company's greenhouses, this new model is designed for strength, durability, expandability, functionality and elegance. Under Glass also provides a free design service for custom greenhouses and their environments. Under Glass Mfg. Corp. is the exclusive manufacturer and distributor of "Lord & Burnham" Greenhouses worldwide. Please call or write for our catalog and a dealer in your area. Your plants know the difference. [www.underglassusa.com](http://www.underglassusa.com) Circle no. 489



## ↑ BETTER HEADER

Ideal for decks and many other outdoor applications, Better Header's Quality CCA Treated Lumber provides strength and straightness, sandwiched around Zinc-coated steel offering consistent, reliable support. The patented Flush Nut System provides worry-free joist hanger placement that comes with a 40-year warranty (nonground contact) against rusting or rotting. Available in any combination up to 24' in length. [www.betterheader.com](http://www.betterheader.com). Circle no. 471



## ← TEXAS IRON FENCE & GATE CO.

Texas Iron Fence offers the largest selection of historic-style iron fencing, gates and posts available anywhere. Customers can select from 43 styles of fence, 258 gate designs, and 13 types of posts. Each order is built individually. Most orders are designed so the customers can erect the products themselves. Texas Iron Fence assists architects, contractors, renovators, and homeowners in the selection and design process. All orders are CAD-drafted before being built. Shipping anywhere in the world. Tel: (940) 627-2718. [www.texasironfence.com](http://www.texasironfence.com) Circle no. 281





www.daltonpavilions.com

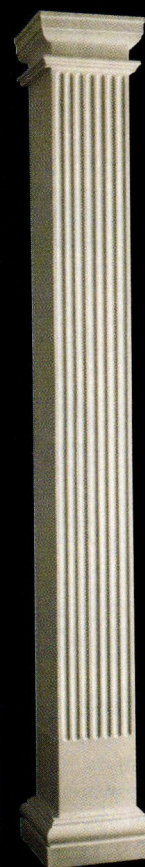
We offer the finest pre-engineered pavilions and garden structures, prefabricated and shipped throughout the United States and internationally. Call for a complete catalog.

### DALTON PAVILIONS, INC.

DESIGNERS OF THE FINEST GAZEBOS & GARDEN STRUCTURES

20 COMMERCE DR. TELFORD, PA 18969 TEL 215-721-1492 FAX 721-1501

Circle no. 343



CHADSWORTH'S  
1.800.COLUMNS®

www.columns.com

*Introduces  
The Square*

*Non-Tapered Pillar*

from our new PolyStone™

Custom Column Collection.

*Free brochure.*

800.486.2118  
Telefax 910.763.3191

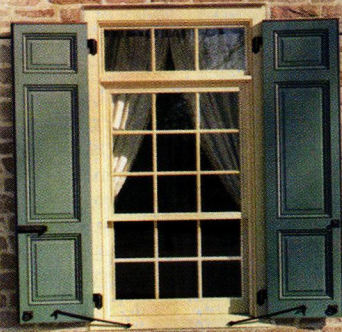
277 North Front Street  
Historic Wilmington, NC

Atlanta • London

Circle no. 87

EXTERIOR ♦ INTERIOR ♦ HARDWARE

Display your  
**IMPORTANT ARTWORK**  
*for the public to enjoy.*



Timberlane's® vast selection of shutter dogs, strap hinges, pull-rings and locks are hand-forged and period perfect. Share the wealth. Call for a free catalog.



800.250.2221 ♦ TIMBERLANE.COM

Circle no. 205

Demand The Very Best!  
Use Grade A  
Vermont Roofing Slate

**We have all colors  
and thicknesses**

- Semi-Weathering Grays
- Semi-Weathering Gray-Green
- Royal Purple
- Vermont Black
- Unfading Green
- Unfading Gray
- Mottled Green and Purple
- Mottled Gray-Black
- Red
- Clear Black

**Full Architectural  
Services**

Since 1916

**EVERGREEN  
SLATE CO., Inc.**

68 Potter Ave., Box 248, Granville, New York 12832  
Quarries in Wells, Poultney & Fair Haven Vermont

Tel: 518-642-2530  
Fax: 518-642-9313  
email: slate@evergreenslate.com  
www.evergreenslate.com

Circle no. 82

www.oldhousejournal.com



# OUTDOOR DESIGN

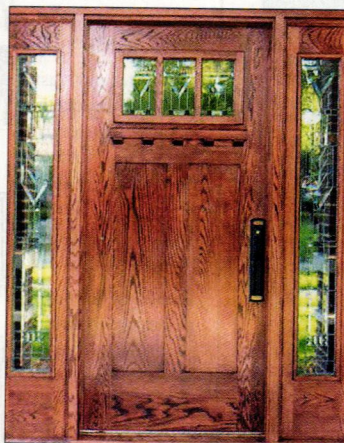
## ↓ FOLLANSBEE

KlassikKolors is a pre-painted Terne II zinc/tin coated roofing sheet offered in an extensive palette of designer colors. Its base sheet is coated with Follansbee's patented ZT (zinc/tin) alloy and then painted with Valspar's Fluoropon(r) SR Solar Reflective Paint Coatings. The ZT alloy provides enhanced durability and extends the life of the metal for many years, even if the painted surface is breached. KlassikKolors carries a 30-year warranty. 800-624-6906 [www.follansbeeroofing.com](http://www.follansbeeroofing.com) Circle no. 93



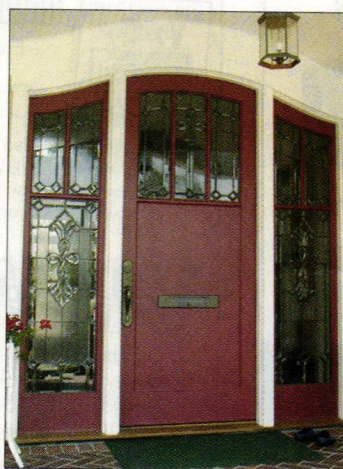
## ↑ PAGLIACCO

Pagliacco Turning and Milling manufactures top quality standard and custom turnings and millwork, specializing in interior and exterior products of the highest caliber. Western Red Cedar and Redwood are commonly used, but many other species are available. Sample projects include: the restoration of a lighthouse involving one-of-a-kind turned posts and millwork for an extreme coastal environment; and a temple with turned posts each created from one solid piece of 12x12x16 foot long, reclaimed, kiln dried, clear all heart Redwood. Standard products include porch posts, balusters, railings, and columns all built to stand the test of time. Circle no. 454



## ← YESTERYEAR'S VINTAGE DOORS

Committed to a tradition of quality, integrity & craftsmanship, YesterYear's Vintage Doors handcrafts solid wood doors that truly transform a home's entrance. Only the finest, select hardwood is used. All orders are customized to a client's preferences. The company offers many exterior and interior door designs as well French, Louvre and Dutch models. [www.vintagedoors.com](http://www.vintagedoors.com) 800-787-2001. Circle no. 336



## ← AZEK TRIMBOARDS

AZEK® Trimboards, the leading brand of "cellular pvc" trim products, replaces wood trim on just about all exterior areas of the home. It can be milled into panels, crown moulding, swooped dormer and large brackets. "There's nothing the builder can do with wood that can't be done with AZEK," says architect Dorothy Howard. "With other products the workability is just not there." (877) ASK-AZEK [www.azek.com](http://www.azek.com). Circle no. 308



## Swim at Home™



**When exercise is a pleasure, fitness is easy...**

**N**ow you can swim whenever you like, on your own schedule, at your own perfect pace. No traveling, no crowded pools, **no heavy chlorine**. Just your own 8' x 15', technologically advanced "counter current" pool, where you swim or exercise against a **smooth current** that's infinitely adjustable to any speed or ability.

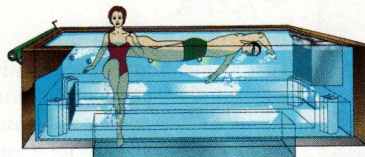
Modular construction means **many sizes** and options are available.

The Endless Pool™ is simple to maintain, **economical to run**, and easy to install inside or outdoors. Call us or visit our web site for more information.



- Fits where conventional pools won't: backyards, decks, garages, basements or sunrooms.
- The ideal solution to crowded pools, difficult schedules, "flipturns" and staying fit.
- Excellent for aquatic exercise, therapy and fun.
- Our architects and design staff can help you plan and finish your pool.
- Call today for a **FREE Brochure and DVD or Video**.

### THE WATER CURRENT MOVES...



**...YOU SWIM OR EXERCISE IN PLACE**

**CALL TOLL FREE**  
**1-800-233-0741, Ext. 3151**  
[www.endlesspools.com/3151](http://www.endlesspools.com/3151)



200 E Dutton Mill Rd.,  
Dept. 3151, Aston, PA 19014

Circle no. 253

## Victorian —AND COUNTRY— Gingerbread

PLUS MANY OTHER  
*Architectural Accents*  
—for—  
**INTERIOR & EXTERIOR**

### FREE 192 pg. MASTER CATALOG

Over 130 usage photos in color plus lots of valuable how-to info. The largest direct supplier, due to our old-fashioned values, small-town friendliness, and exceptional quality!

Our huge variety of Porch, Gable, and Eave decorations will transform your home's **exterior**!

Likewise, our vast choice of Brackets, Cornices, Spandrels, Mouldings, Corner Beads and Fretwork (plus much more) will create magic **inside** your home!

**Factory-direct pricing, expert shipping, & your satisfaction guaranteed!** Order our printed Catalog (or go online) and we will prove it to you!



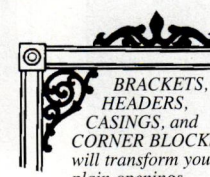
*Elegant & functional  
SCREEN / STORM DOORS  
for lasting first impressions.*



*170 BRACKETS  
are just the beginning!*



*Custom-length  
SPANDRELS add  
a new dimension.*



*BRACKETS,  
HEADERS,  
CASINGS, and  
CORNER BLOCKS  
will transform your  
plain openings.*



© VWV  
2003



PO Box 39 MSC 4224  
Quinlan, TX 75474-0039  
903-356-2158

~ Established 1978 ~

[www.vintagewoodworks.com](http://www.vintagewoodworks.com)

### Free 192 page Master CATALOG

Also available - 208 page  
**Porch Design Book**  
How to design, build, and  
decorate your dream porch!  
Only \$695

Optional  
Priority  
Mail \$4



Circle no. 209

## YESTERYEAR'S

*Vintage Doors &  
Millwork*

*Just like the olden days...*



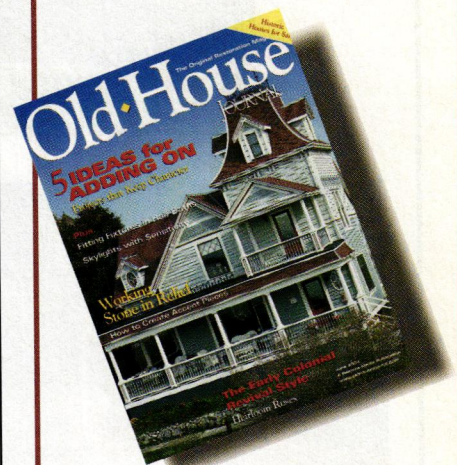
- Victorian Screen Doors
- Raised Panel Doors
- Interior & Exterior

**1-800-787-2001**  
[www.vintagedoors.com](http://www.vintagedoors.com)

CUSTOM MADE • SOLID WOOD • FACTORY DIRECT

Circle no. 336

**An Inviting Past,  
An Enduring Future.**



Subscribe to  
**OLD-HOUSE JOURNAL**,  
and discover:

- Expert "how-to's"
- Cost-saving tips
- Beautiful interior schemes
- Resources for authentic & reproduction architecture

Subscribe to  
**OLD-HOUSE JOURNAL**  
**800.234.3797**

or

[www.oldhousejournal.com](http://www.oldhousejournal.com)

**Old House**  
JOURNAL

[www.oldhousejournal.com](http://www.oldhousejournal.com)

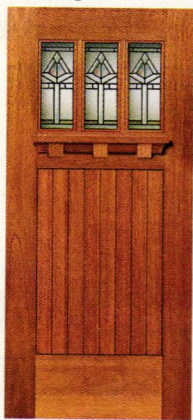


# OUTDOOR DESIGN



## ↑ COPPA WOODWORKING

Coppa Woodworking is the leading manufacturer of wood screen doors and wood window screens. The company offers over 165 screen door styles made from pine, doug fir, oak, mahogany, cedar, and redwood. Custom sizes are available. Staining and painting are also offered. Custom doors such as arch tops, dog doors, sliding doors, old-fashioned styles with molding are also available. Fiberglass, pet-screen, aluminum, bronze, and copper are some of the screen materials kept in stock. Call or e-mail for a free catalog, price quotes, or more information. Phone: 310-548-4142. E-mail: [ciro@earthlink.net](mailto:ciro@earthlink.net). Website: [www.coppawoodworking.com](http://www.coppawoodworking.com) Circle no. 137



## ↑ SHEPPARD DOORS

An entryway from Sheppard Door & Glass, made of the finest solid Mahogany woods and exquisite beveled or stained glass panels, is sure create a first impression of quality, style, elegance and character. Whether you need an exterior or interior door; in true Craftsman style or influenced by a Mission flare, we can create anything you can imagine! Offering hundreds of door and glass combinations, Sheppard can ensure that your home will have a special touch and personality. [www.craftsmandoor.com](http://www.craftsmandoor.com) Circle no. 331

## ↓ EVERGREEN

Evergreen Slate Company of Granville, New York quarries and supplies the finest quality Vermont roofing slate nationwide. Vermont Slate is one of the few that conforms to the highest ASTM Roofing Slate tests and homeowners can confidently expect a life span exceeding 75 years. Evergreen Slate offers a "take-off" service and in addition provides slate identification expertise to assist homeowners with existing slate roofs. Evergreen maintains the industry's largest inventory of finished Vermont roofing slate and can usually supply any size, color and texture in truckload quantities at short notice with competitive prices. [www.evergreenslate.com](http://www.evergreenslate.com) Circle no. 82

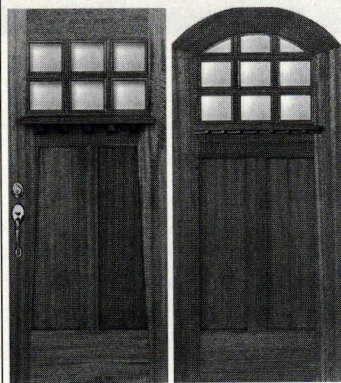


## ← SCREEN TIGHT

Finally, a common sense approach to screening and rescreening a porch area! The patented Screen-Tight™ system provides the maintenance free qualities of vinyl with the proven method of spline screening. Simply attach a base strip to the porch framing members; fix the screen by rolling spline into a pre-engineered groove and attach a vinyl maintenance free strip to the base component. No more staples, nails, wooden lattice or paint. Repair is a breeze: owners can replace the damaged screen by removing the cap and spline and reapplying with new screen material. 800-768-7325. [www.screentight.com](http://www.screentight.com). Circle no. 469



## SHEPPARD DOORS & GLASS



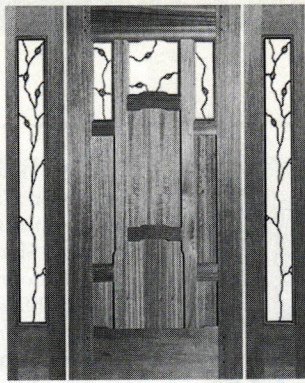
Your front door  
makes the first –  
and best –  
impression

Call us at  
**832.644.2444**  
or **713.807.1444**

See our online  
catalogs

[www.craftsmandoor.com](http://www.craftsmandoor.com)  
or  
[www.southwesterndoor.com](http://www.southwesterndoor.com)

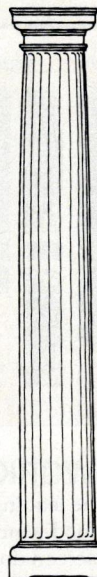
Circle no. 331



## CUSTOM and PRODUCTION TURNINGS

SPECIALIZING IN

**VICTORIAN DESIGNS  
and CLASSIC COLUMNS**



Porch posts, newels,  
balusters, columns  
and more...

We offer a complete  
range of architectural  
turnings incorporating  
design authenticity,  
skilled craftsmanship,  
and quality materials.

All products are  
available in decay- and  
termite-resistant  
clear heart Redwood.

Interior turnings  
are also available in  
fine hardwoods.

For your catalog  
please send \$6.00.

No charge to designers,  
architects, builders and  
dealers when requested  
on company letterhead.

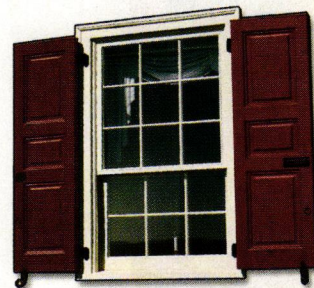
**PAGLIACCO  
TURNING & MILLING**

**WOODACRE, CA 94973-0225**  
**415 488-4333 FAX 415 488-9372**

Circle no. 454

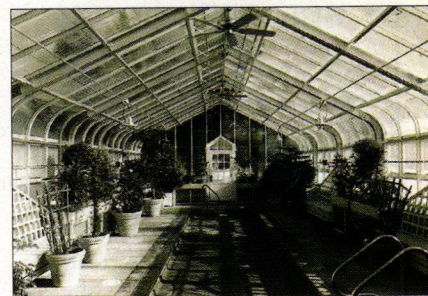
**AUTHENTIC**

**SHUTTERS & HARDWARE**



800-423-2766 **Vixen Hill.com**

Circle no. 109



**Under Glass Mfg.**

P.O. Box 81  
High Falls, NY 12240  
845-687-4700  
845-687-4957 (Fax)  
[www.underglassusa.com](http://www.underglassusa.com)

Circle no. 489

Terramed all-natural  
clay wall coating is  
easy to mix, easy to  
apply and easy to live  
with. Composed entirely of clay, sand  
and cellulose fibers, Terramed is a healthy  
alternative to off-gassing paint or vinyl  
wallpaper. This authentic material has  
been used throughout the Mediterranean  
region for centuries as an interior finish  
plaster. Terramed is available direct from  
Med Imports in 12 rich colors.



1710 North Leg Court  
Augusta, Georgia 30909  
866-363-6334

- easy to apply
- durable
- repairable
- all-natural
- non-toxic
- beautiful

*A flooring alternative  
that truly makes  
BEAUTIFUL sense.*



Natural Cork flooring  
provides a combination of  
benefits that no other floor  
covering can match.

- Natural Beauty
- Variety of Patterns  
& Colors
- Hypoallergenic
- Sound Absorbant
- Fire Inhibitor
- Environmentally  
Sustainable
- Resilient Underfoot
- Easy to Maintain

Parquet - Floating Floor\* -  
Underlayment

\*Featuring advanced 'click'  
installation technology patented  
by Unilin.

**Natural CORK**

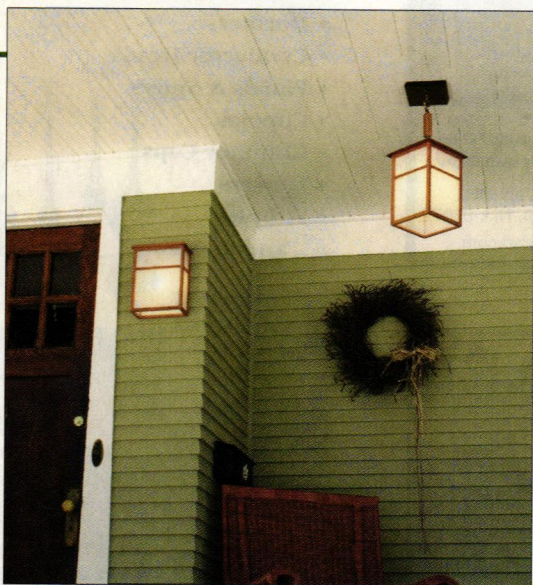
1710 North Leg Court  
Augusta, Georgia 30909  
[info@naturalcork.com](mailto:info@naturalcork.com)  
800-404-2675

**Call today for the dealer nearest you!**

Circle no. 505



# OUTDOOR DESIGN



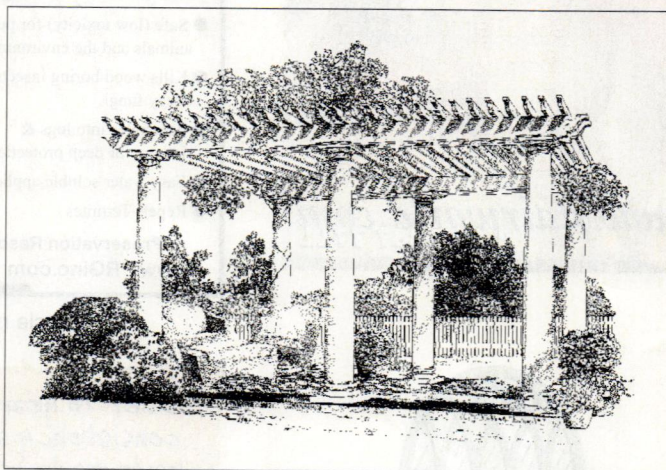
## ↑ CHERRY TREE

Cherry Tree Design makes quality hardwood lighting, mirrors and shoji screens and doors. These solid cherry wood fixtures are built to endure nature's elements. Select a style and choice of art glass shade that will complement the home's exterior. Visit the Cherry Tree's website to view the company's full line of outdoor fixtures and interior lighting. Call 800-634-3268 to purchase a full color catalog. (Shown is the Craftsman sconce and pendant for exterior use, in cherry with pearl glass shade.)

[www.cherrytreedesign.com](http://www.cherrytreedesign.com) Circle no. 545

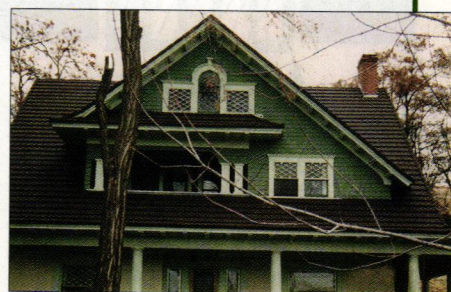
## ↓ CHADSWORTH

Back in style once again, pergolas offer the old-fashioned pleasure of a less hectic time. Today pergolas are used to expand living space – they create an outdoor room, with stately columns and inviting furniture. Design the perfect outdoor living space and enhance the garden with the addition of a pergola. Choose a 2-, 4-, 6-, or 8-column pergola kit that includes Chadsworth's renowned PolyStone Columns with Roman Doric capitals and attic bases. The rafters atop the pergola are made of Cellular Polyvinyl Chloride. Their columns are unaffected by moisture or insects and come ready to prime and paint. 1-800-COLUMNS. [www.columns.com](http://www.columns.com) Circle no. 87



## ← OAK LEAF

Each conservatory, orangery and garden room by Oak Leaf Conservatories is individually designed and then hand-crafted in England using mortise and tenon construction, with premium grade mahogany, and high performance double glazing. Each structure is a unique design with classic proportions, finely detailed with mouldings, columns, and panels to suit individual requirements and existing architectural features. Shown: By opening the existing house to the conservatory, daylight now floods into the dark existing rooms transforming the entire family room / kitchen area. The glass lantern roof is the crowning touch to the conservatory. Circle no. 583



## ↑ DECRA

DECRA Roofing Systems are the most beautiful, durable and trouble-free roofs available today. Offering the ultimate in performance and engineering design, DECRA Tile, Shake, Shingle and Shingle Plus are ideal for residential and light commercial projects. DECRA is a durable product that offers a walkable, low-maintenance alternative. Its non-porous surface is freeze/thaw resistant while the panels are non-combustible, rated Class A material. Warranted for 50 years. 877-GO-DECRA or visit [www.decra.com](http://www.decra.com) Circle no. 128



**Stair World**

Stair World Inc.  
Curved Stair Systems

Curved Staircases  
Spiral Staircases  
Columns  
Exterior Railings  
Ornamental Railings  
Stair parts  
Railing components

[www.stairworld.com](http://www.stairworld.com)  
1 800 337 7711

**ALL STEEL RADIATOR ENCLOSURES**  
FOR HOMES, OFFICES, CHURCHES, INSTITUTIONS

FROM THIS TO THIS

**FROM \$24.10**

BUY FACTORY DIRECT & SAVE • EASY TO ASSEMBLE  
MANY STYLES & COLORS • BAKED ENAMEL FINISH  
Send \$1.00 for Brochures. Refundable with Order.

**MONARCH** Dept OHJ  
P.O. Box 326, 111 Kero Rd. Carlstadt, N.J. 07072  
(201) 507-5551 [www.monarchrad.com](http://www.monarchrad.com)

Circle no. 255

**BORA-CARE**

Protect Wood from Insects and Fungi

- Safe (low toxicity) for people, animals and the environment.
- Kills wood boring insects & decay fungi.
- Penetrates into logs & timbers for deep protection.
- Easy water soluble application
- Repels Termites

Preservation Resource Group, Inc.  
[www.PRInc.com](http://www.PRInc.com) 800-774-7891

Circle no. 270

**ADAMS**  
ARCHITECTURAL  
WOOD PRODUCTS

**Traditional Storms, Screens,  
Storm Doors, Combinations and  
True Divided Lite Sash; Mortise  
and Tenon— no finger jointing.**

Individually handcrafted to your specifications. Quick turnaround.  
Cost? Less than you think.

Call **1-888-285-8120** to speak with one of our specialists.  
300 Trails Road, Eldridge, IA 52748  
[www.adamsarch.com](http://www.adamsarch.com)  
E-mail: [info@adamsarch.com](mailto:info@adamsarch.com)

Formerly Midwest Architectural Wood Products  
Members of: AWI • NAWBO • National Trust

Circle no. 176

Over 16 years of quality, consistency and service have made us a leader in authentic antique flooring.

**Aged Woods**®  
Reclaimed Remilled Antique Flooring  
(800) 233-9307  
[www.agedwoods.com](http://www.agedwoods.com)

Circle no. 492

**COPPERCRAFT**  
A DIVISION OF BERGER BROS CO.

Old World craftsmanship  
using New World technology

- Dormers
- Conductor Heads
- Finials & Spires
- Cupolas
- Chimney Caps
- Louvers
- Steeples
- ... and more

[www.coppercraft.com](http://www.coppercraft.com)  
**1-800-486-2723**

Circle no. 387

**CEILINGS MAGNIFIQUE**

The Elegance and Beauty of Yesterday for Today!

Exact replicas of the beautiful old tin ceilings are now available in durable, lightweight high impact polymer plastic. They are easy to install, paintable and washable. Available in fire-rated materials and colors. Several patterns from which to choose. Please write or call:

**Snelling's Thermo-Vac**  
—INC.—

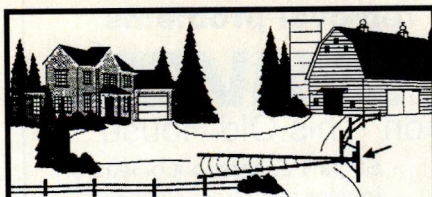
P.O. Box 210, Blanchard, LA 71009  
Office (318) 929-7398  
FAX (318) 929-3923  
[www.ceilingmagnifique.com](http://www.ceilingmagnifique.com)

Circle no. 196









## WIRELESS DRIVEWAY ALARM

**Wireless range up  
to several miles!**

An alert sounds in the house when someone enters the driveway. Can also be used in back yard, around pools, patios, etc.

### **-Free Literature-**

A complete line of wireless security equipment.

**DAKOTA ALERT, INC.**

Box 130, Elk Point, SD 57025

Ph: 605-356-2772

[www.dakotaalert.com](http://www.dakotaalert.com)

Circle no. 581

**Our Samples Are Better Than**

**FREE!**



We're so sure you'll love our **Square Drive Screws** we will practically pay you to try them. Send **\$10** with a copy of this ad and we'll send you a **"Try-Pack"** Sampler of 200 screws (25 each of our **NEW** #8 x 1-3/8 & 1-7/8" Flat Head ProMax, #8 x 5/8", 8 x 1-1/4", 8 x 1-1/2" and 8 x 2" Flat Head, and #8 x 1-1/4" & 2" Round washer Head hardened steel screws) along with a driver bit for your drill, our catalog listing 900 types of Square Drive screws (and other woodworking essentials), and a coupon worth **\$10 off** your first order of \$75 or more. (Limited Time Offer. Available in USA only, one per customer.)

- Square Drive Beats Cam-Out
- Hardened Steel for Extra Strength
- Deep Threads for Superior Holding Power

© 2001 McFeely's All Rights Reserved

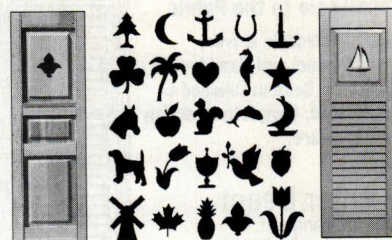
**McFEELY'S**  
SQUARE DRIVE SCREWS

PO Box 11169 • Dept OHJ  
Lynchburg • VA • 24506-1169  
1-800-443-7937 • [www.mcfelys.com](http://www.mcfelys.com)

Circle no. 423

## EYE CATCHING QUALITY RED CEDAR SHUTTERS

Delivered Right To Your Door!



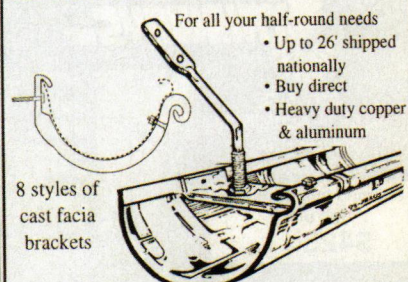
Call for free brochure and assistance with your project. Many shutter types available. Endless cut out possibilities!

**Shuttercraft, Inc.**  
Guilford, CT

Call (203) 245-2608  
[www.shuttercraft.com](http://www.shuttercraft.com)

Circle no. 585

## CLASSIC GUTTER SYSTEMS, L.L.C.



8 styles of  
cast fascia  
brackets

For all your half-round needs  
• Up to 26' shipped nationally  
• Buy direct  
• Heavy duty copper & aluminum

Ph. (269) 382-2700 • Fax. (269) 343-3141  
P.O. Box 2319 • Kalamazoo, MI 49003  
[www.classicgutters.com](http://www.classicgutters.com)

Circle no. 135

## Take your ceilings from boring to BRILLIANT

over 100 patterns  
11 finishes  
2' X 2' panels  
nail-up or lay-in

Whether your home is truly historic or historically inspired, M-Boss Inc. tin ceiling panels add drama and style to any room. Our pressed metal panels are versatile, timeless and manufactured for easy installation. For more information and a free brochure give us a call, or visit the M-Boss Inc. web site.

[www.mbossinc.com](http://www.mbossinc.com)

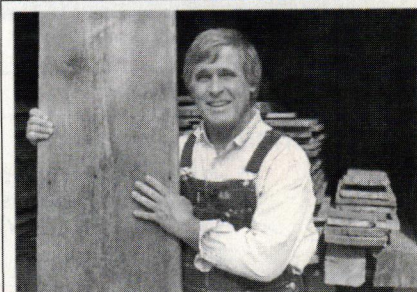
Toll Free:

**888-MBOSSINC**  
888-626-7746



backsplashes • door insets • moldings • wainscoting • medallions • fireplace accents

Circle no.416



Joe Rizzo, Proprietor

Country Road Associates Ltd.

## "AUTHENTIC 19<sup>th</sup> C. BARNWOOD IS MY BUSINESS"

- FLOORING: Chestnut, White Pine, Oak, Heart Pine, Walnut, Hemlock & more
- Random widths from 3"-20"
- BARNSIDING: faded red, silver-gray & brown
- HAND-HEWN BEAMS: up to 13" wide. Random Lengths

Large quantities available  
Deliveries throughout the USA

## COUNTRY ROAD ASSOCIATES, LTD.

63 Front Street, P.O. Box 885, Millbrook, NY 12545

Open Tues.-Sat. 10AM-4PM

Sun. & Mon. by appointment 845-677-6041

Fax 845-677-6532

[www.countryroadassociates.com](http://www.countryroadassociates.com)

Circle no. 139

[www.oldhousejournal.com](http://www.oldhousejournal.com)



**Abatron, Inc.**

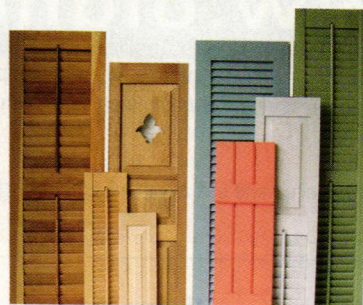
Abokote Fluid Applied Flooring System. A giant step forward in water-based epoxy coatings. This versatile system offers high durability, easy maintenance and custom design options. (800) 445-1754; [www.abatron.com](http://www.abatron.com)

Circle no. 228

**Town & Country Conservatories**

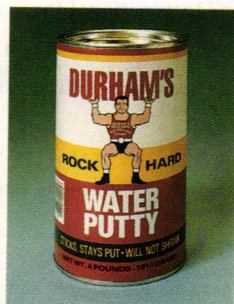
Beautiful English Skylights.  
RoofLanterns.com; (773) 506-8000

Circle no. 526

**Shuttercraft, Inc.**

Real wood shutters for interior and exterior in cedar, basswood, poplar, and red oak. All sizes. Full painting services and hardware. Delivered to your door. Call (203) 245-2608 or visit [www.shuttercraft.com](http://www.shuttercraft.com).

Circle no. 585

**Donald Durham Co.**

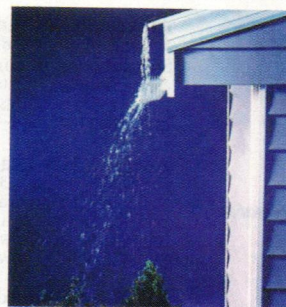
Repair wood and plaster with Durham's Rock Hard Water Putty. It can be sawed, chiseled, polished, colored, and molded. Durham's sticks, stays put, and will not shrink. Fill cracks, crevices, joints, knot-holes, and nail holes. [www.waterputty.com](http://www.waterputty.com)

Circle no. 147

**McFeely's Square Drive Screws**

Pro-Max Stainless Steel Square Drive Decking screws have an extra long unthreaded shank so screws pull decking boards down tight without cross-threading, and auger points to eliminate pre-drilling in most decking materials. 800-443-7937; [www.mcfeelys.com](http://www.mcfeelys.com)

Circle no. 423

**Rainhandler**

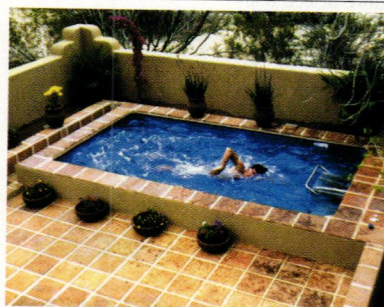
Patented maintenance-free modern gutter. Converts roof runoff to rain and disperses it gently in a swath 3' wide. No clogging, no cleaning, no ground erosion. Virtually invisible. Rugged aluminum, 25 year warranty. Free information. 800-942-3004 or [www.rainhandler.com](http://www.rainhandler.com)

Circle no. 515

**Screen Tight**

Two new door styles, The Carolina and Springview. Made of solid cellular vinyl, each patented Better Board Screen Door offers the look and feel of wood. Can be cut and trimmed like wood for proper installation.

Circle no. 469

**Endless Pools**

Swim at Home. Swim or exercise in place against a smooth, adjustable current. Endless Pools are ideal for swimming, aquatic exercise, therapy or fun. Call for your Free DVD or Video today: 800-233-0741 x3150; [www.endlesspools.com](http://www.endlesspools.com)

Circle no. 253

**White River**

Leader in embellished hardwood mouldings & woodcarvings. Offering 550 profiles in-stock for prompt shipment. Available in MetalWood a real metal finish and Marblewood™ a faux marble finish. Request a free product poster or 160-page, full-color catalog (\$10). 800-558-0119; [www.mouldings.com](http://www.mouldings.com)

Circle no. 245



# Product Information

From Old-House Journal's Traditional Products Advertisers.

[www.oldhousejournal.com/info/](http://www.oldhousejournal.com/info/)

**OPTION 1:** To request product information from companies in this issue, please circle the corresponding numbers on the card below and mail it today. If payment is required, please put the completed card in an envelope with your check or money order and mail it to Old-House Journal at the address on the card.

**OPTION 2:** Fax your completed card to 856-380-4101

**OPTION 3:** Go online and use our quick and easy reader service card to get product information from this and other issues. [www.oldhousejournal.com/info/](http://www.oldhousejournal.com/info/).

Circle no.



**Abatron, Inc.** .....228

See our ad on page 95

Products for restoring, strengthening and repairing deteriorated wood; concrete patching and resurfacing compounds; adhesives, moldmaking, and casting compounds, metal repair products. Free literature. 800-445-1754; [www.abatron.com](http://www.abatron.com)



**Allied Windows** .....78

See our ad on page 88

Invisible Storm Windows—Match any window shape or color. Removable storm windows for the inside or outside. \$2.25 color brochure. 800-445-5411; [www.invisiblestorms.com](http://www.invisiblestorms.com)



**American Building Restoration** .....565

See our ad on page 89

Specialty restoration products including masonry cleaners, wood restorers & preservatives, concrete cleaners & coatings, and paint removal products. Free literature. 414-421-4125; [www.abrp.com](http://www.abrp.com).



**Antique Hardware & Home** .....80

See our ad on page 34

Renovation Hardware. Hard-to-find supplies: brass cabinet hardware, lighting, pedestal sinks, old-fashioned bathtub showers & fixtures. Free catalog. 800-422-9982; [www.antiquehardware.com](http://www.antiquehardware.com)



**AZEK Trimboard** .....308

See our ad on page 33

Products are cellular PVC that offers the unequalled combination on uniformity, durability, workability, and beauty. Free literature. 877-ASK-AZEK; [www.azek.com](http://www.azek.com)



**Baths from the Past** .....325

See our ad on page 96

Solutions for baths and kitchens. Free catalog. 800-697-3871



**Benjamin Moore** .....429

See our ad on page 15

For the best paint and the best results, look no further than your local Benjamin Moore dealer. 800-6PAINT6; [www.benjaminmoore.com](http://www.benjaminmoore.com)



**Bradbury & Bradbury**

**Art Wallpapers** .....125

See our ad on page 48

Hand silk-screened wallpaper in NeoClassical, Victorian, and Arts & Crafts styles. In-house design service available. \$12 catalog. 707-746-1900; [www.bradbury.com](http://www.bradbury.com)



**Carlisle Wide Plank Floors** .....127

See our ad on page 11

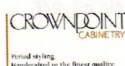
Traditional Wide Plank Flooring. We have been America's source for custom-crafted flooring for over 30 years. Free Literature. 800-595-9663; [www.wideplankflooring.com](http://www.wideplankflooring.com)



**Crown City Hardware** .....88

See our ad on page 4

Hard-to-find hardware, from the 16th century to the 1930s, brass, iron, pewter, and crystal. Free catalog includes informative text and high-quality restoration hardware. 626-794-1188; [www.restoration.com](http://www.restoration.com)



**Crown Point Cabinetry**

See our ads on pages 9, 89, & 91

Furniture quality, period style, custom cabinetry for kitchens, baths, and beyond. We build by hand. We sell direct. 800-999-4994; [www.crown-point.com](http://www.crown-point.com)



**Cumberland Woodcraft** .....141

See our ad on page 96

Architectural millwork, Victorian gingerbread, porch trim, gables, screen and storm doors, fireplace mantels and paneling, Victorian wall coverings and wallpaper. Literature \$5. 800-367-1884; [www.cumberlandwoodcraft.com](http://www.cumberlandwoodcraft.com)



**Decra Roofing Systems** .....128

See our ad on page 37

Decra Roofing Systems stone coated steel tile, shake, shingle and shingle plus has been proven around the world for over 40 years. Free literature. 877-GO-DECRA; [www.decra.com](http://www.decra.com)



**Faux Effects International Inc.** .....330

See our ad on page 93

Environmentally friendly, water-based products and for creating beauty through professional applications of their products worldwide. 800-270-8871; [www.fauxstore.com](http://www.fauxstore.com)



**Fein Power Tools** .....151

See our ad on page 17

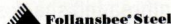
Makers of the world's first power tools, 1895. Free literature. 800-441-9878

FISCHER & JIROUCH CO.

**Fischer & Jirouch** .....91

See our ad on page 91

Plaster Ornament. Restoration and reproduction with fiber-reinforced plaster. Complete catalog of 1,500 items, \$10. 216-361-3840



**Follansbee Steel** .....93

See our ad on page 39

Metal Roofing Materials. RAPIDDRI acrylic, water-based metal paint. Free catalog. 800-624-6906; [www.folrfg.lbcorp.com](http://www.folrfg.lbcorp.com)



**Hartford Conservatories** .....279

See our ad on page 30

Solid mahogany sunrooms and conservatories are natural additions to high-quality elegant homes and historical renovations. Lifetime warranty. Free literature. 800-963-8700; [www.hartford-con.com](http://www.hartford-con.com)



**The Hearth Collection by Stone Manufacturing Co.** .....516

See our ad on page 40

Custom fireplace screens and accessories. Myriad styles, over 30 finishes. Since 1957. Free literature. 310-538-4912; [www.hearthcollection.com](http://www.hearthcollection.com)



**The Iron Shop**

See our ad on page 47

Spiral stairs available in Metal, Oak, Victorian Cast Aluminum Kits and All Welded Custom Units. FREE catalog. 800-523-7427, ext. OHJ; [www.TheIronShop.com/OHJ](http://www.TheIronShop.com/OHJ)



**Jeld-Wen**

See our ads on the inside front cover, pages 3, & 24 [www.jeld-wen.com/JW6](http://www.jeld-wen.com/JW6)



**M-Boss, Inc.** .....342, 416

See our ads the inside back cover & page 112

Arts & Crafts to Art Deco. 100 patterns, 11 different finishes from copper and brass to burnt mahogany and leather. Specialize in custom & replication. Free literature. 888-626-7746; [www.mbossinc.com](http://www.mbossinc.com)



**Mitsubishi Electronics** .....99

See our ad on page 13

Ductless technology. Supplier of Mr. Slim line of ductless air conditioners & heat pumps. Free catalog. 800-433-4822; [www.mrslim.com](http://www.mrslim.com)



# 3 WAYS TO GET PRODUCT INFORMATION

## www.oldhousejournal.com/info/

1. Complete the postage paid card and mail it today. 2. Fax completed card to 856-380-4101. 3. Go online to [www.oldhousejournal.com/info/](http://www.oldhousejournal.com/info/).



**Natural Cork Inc.** .....505  
See our ad on page 108  
Terramed, an all natural textured interior wall coating made of clay imported from France, is available in 12 authentic colors. Free literature. 800-404-2675; [www.naturalcork.com](http://www.naturalcork.com)



**Old California Lantern Co.** .....404  
See our ad on page 29  
"Where history and architecture comes to light". Manufacturer of Arts & Crafts-inspired lighting fixtures. Free catalog. 800-577-6679; [www.oldcalifornia.com](http://www.oldcalifornia.com)



**Old-House Journal's Restoration Directory** .....1  
See our ad on page 46  
New edition of OHJ's standard reference on period products featuring over 2,000 DIY sources for old-home devotees.



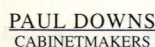
**Old-House Journal's Traditional Products** .....2  
Ideas and advice for the historically minded homeowner. Over 400 period and reproduction products for retro rooms, traditional homes, and new old houses.



**Old World Stoneworks** .....486  
See our ad on page 26  
Fine line of cast stone mantels. Adaptable to all masonry and metal insert fireboxes. Excellent tech support. Free catalog. 800-600-8336; [www.oldworldstoneworks.com](http://www.oldworldstoneworks.com)



**Palu Ltd.** .....557  
See our ad on page 43  
Designs and manufacturers furnishings that resinate with uncompromised quality and beauty. Literature \$10. 206-352-2252; [www.palultd.com](http://www.palultd.com)



**Paul Downs**  
See our ad on page 82  
610-664-9902; [www.pauldowns.com](http://www.pauldowns.com)

**Rainhandler** .....515  
See our ad on page 87  
Modern gutters that convert roof runoff to rain sized drops and spread them in a swath 2 to 3 feet wide away from the home. Free literature. 800-942-3004; [www.rainhandler.com](http://www.rainhandler.com)



**Rejuvenation** .....105  
See our ads on the back cover & page 20  
Over 500 period-authentic light fixtures and house parts from early to mid-century. 12 finishes. Shipped within two weeks. Free catalog. 888-401-1900; [www.rejuvenation.com](http://www.rejuvenation.com)



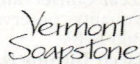
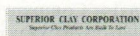
**Southern Wood Floors** .....541  
See our ad on page 16  
Harvests buildings, not trees, to make Antique Heart Pine. Historic wood, meticulously milled for floors, walls, and cabinet stock. Free literature. 888-488-PINE; [www.southernwoodfloors.com](http://www.southernwoodfloors.com)



**SpacePak** .....352  
See our ad on page 94  
Air conditioning system designed for residential or commercial properties where traditional services are not practical or desirable. Free literature. 413-564-5530; [www.spacepak.com](http://www.spacepak.com)

Circle no.

**Strictly Wood Furniture, Co.**



**Strictly Wood Furniture** .....350  
See our ad on pages 10 & 11  
800-278-2019; [www.strictlywoodfurniture.com](http://www.strictlywoodfurniture.com)

**Sunrise Specialty** .....180  
See our ad on page 86  
The largest collection of cast-iron clawfoot bathtubs and shower fittings available. 800-444-4280; [www.sunrisespecialty.com](http://www.sunrisespecialty.com)

**Superior Clay** .....538  
See our ad on page 93  
Clay chimney tops and Rumford Fireplace components. Visit our Web site at [www.superiorclay.com](http://www.superiorclay.com). 800-848-6166

**Tempur-Pedic**  
See our ad on page 45  
Free sample & video. 888-570-9449

**Tendura** .....258  
See our ad on page 18  
Composite wood tongue-and-groove plank for porches. Warranted for the lifetime of the original homeowner. Free literature. 800-TENDURA; [www.tendura.com](http://www.tendura.com)

**Unico Systems** .....207  
See our ad on page 25  
Mini-duct heating and cooling system designed to preserve the architectural integrity of older and historically significant homes. Free literature. 800-527-0896; [www.unicosystem.com](http://www.unicosystem.com)

**Van Dyke's Restorers** .....195  
See our ad on page 7  
Items geared toward vintage home and antique furniture restoration or new construction. Free literature. 800-558-1234; [www.vandykes.com](http://www.vandykes.com)

**Vermont Soapstone** .....406  
See our ad on page 48  
Architectural soapstone products including sinks, counters and custom cut. Free literature. 802-263-5404; [www.vermontsoapstone.com](http://www.vermontsoapstone.com)

**Vintage Woodworks** .....209  
See our ad on page 106  
Brackets, corbels, gable decorations, mouldings, porch parts, screen doors, & much more! Free Catalog. 903-356-2158; [www.vintagewoodworks.com](http://www.vintagewoodworks.com)

**White River Hardwood** .....245  
See our ad on page 22  
800-558-0119; [www.mouldings.com](http://www.mouldings.com)

**Wood Beautiful®** .....126  
See our ads on pages 80, 81, & 84  
Inspirational magazine filled with home improvement projects, decorating ideas, and expert wood finishing techniques. Free. [www.minwax.com](http://www.minwax.com)

Circle no.

Circle no.

Circle no.

**AA Abbingdon Affiliates, Inc.** pg. 97 .....111  
Ceiling & wall panels. Steel, white, brass, copper, & chrome. Free literature. 718-258-8333; [www.abbingdon.com](http://www.abbingdon.com)  
**Adams Architectural Wood Products** pg. 110 .....176  
Wood window units, replacement sash, true divided lites, bent glass, restoration glass, storms, screens, and combination storm/screens. Literature \$5 (refundable with order). 888-285-8120; [www.adamsarch.com](http://www.adamsarch.com)  
**Aged Woods** pg. 110 .....492  
Reclaimed, remilled antique wide plank flooring and accessories. Free literature. 800-233-9307; [www.agedwoods.com](http://www.agedwoods.com)  
**Alden Corporation** pg. 88 .....289  
800-832-5336; [www.aldn.com/xout.html](http://www.aldn.com/xout.html)

**American International Tool Industries** pg. 111 .....117  
Free literature. 800-932-5872; [www.paintshaver.com](http://www.paintshaver.com)  
**APM Direct** pg. 96 .....543  
Quality building products. Free literature. 800-237-7470; [www.apmdirect.com](http://www.apmdirect.com)  
**Architectural Grille** pg. 92 .....76  
Bar grilles & perforated grilles. Free literature. 718-832-1200; [www.archgrille.com](http://www.archgrille.com)  
**Architectural Products**  
**by Outwater** pg. 102 .....285  
40,000+ decorative building products. Free literature. 888-772-1400; [www.archpro.com](http://www.archpro.com)

**ARSCO Mfg.** pg. 97 .....120  
Metal radiator covers and enclosures for steam and hot-water heating systems. Free literature. 800-543-7040; [www.arscomfg.com](http://www.arscomfg.com)  
**Asheford Institute of Antiques** pg. 121 .....312  
Antique home study course. Free literature. 805-654-1585; [www.asheford.com](http://www.asheford.com)  
**Bathroom Machineries** pg. 116 .....510  
Original and reproduction bathroom fixtures: claw-foot tubs, high tank toilets, pedestal sinks and many unusual items. Free literature. 209-728-2081; [www.deabath.com](http://www.deabath.com)  
**Bendheim Co.** pg. 46 .....123  
Importer of original restoration glass — handmade for use in authentic restorations. Free literature. 800-221-7379; [www.originalrestorationglass.com](http://www.originalrestorationglass.com)



# 3 WAYS TO GET PRODUCT INFORMATION

## www.oldhousejournal.com/info/

1. Complete the postage paid card and mail it today. 2. Fax completed card to 856-380-4101. 3. Go online to [www.oldhousejournal.com/info/](http://www.oldhousejournal.com/info/).

**Circle no.**

**Better Header, Inc. pg. 102** ..... 471  
877-243-2337; [www.betterheader.com](http://www.betterheader.com)

**Bilco Company pg. 90** ..... 81  
Quality basement doors for direct access to basement areas for storage and secondary egress. Free literature. 203-934-6363; [www.bilco.com](http://www.bilco.com)

**Calvert USA, Inc. pg. 98** ..... 102  
Wooden and aluminum insulated attic stairs. Free literature. 866-477-8455; [www.calvertusa.com](http://www.calvertusa.com)

**Chadsworth's 1-800-Columns pg. 104** ..... 87  
Wood, PolyStone™ and fiberglass columns. Free Flier. Idea book \$15. 800-486-2118; [www.columns.com](http://www.columns.com)

**Chelsea Decorative Metal pg. 111** ..... 131  
Pressed tin for walls and ceilings. Literature \$1. 713-721-9200; [www.thetinman.com](http://www.thetinman.com)

**Cherry Tree Design pg. 102** ..... 545  
Hardwood, lighting, & mirrors handcrafted in the USA. Literature \$5. 800-634-3268; [www.cherrytreedesign.com](http://www.cherrytreedesign.com)

**Cinder Whit & Co. pg. 111**  
Wooden and aluminum insulated attic stairs. Free literature. 800-527-9064; [www.cinderwhit.com](http://www.cinderwhit.com)

**Classic Gutter Systems pg. 112** ..... 135  
Gutter Projects. Free literature. 616-382-2700; [www.classicgutters.com](http://www.classicgutters.com)

**Clawfoot Supply pg. 92** ..... 596  
Clawfoot tubs & unique fixtures for the period bath. Literature free. 877-682-4192; [www.clawfootsupply.com](http://www.clawfootsupply.com)

**Coppa Woodworking pg. 102** ..... 137  
Wood screen doors, Pine, Douglas Fir, Oak, Mahogany, Redwood, and Cedar. Free catalog. 310-548-4142; [www.coppawoodworking.com](http://www.coppawoodworking.com)

**Copper Craft Inc. pg. 110** ..... 387  
Architectural sheetmetal products including dormers, cupolas, spires, conductor heads and custom designed products. Free literature. 800-486-2723; [www.coppercraft.com](http://www.coppercraft.com)

**Country Road Associates pg. 112** ..... 139  
19th-century reclaimed wood for flooring in pine, chestnut, oak, heartpine, hemlock. Barnsiding and hand-hewn beams. Free color literature. 845-677-6041; [www.countryroadassociates.com](http://www.countryroadassociates.com)

**Custom LeatherCraft pg. 90** ..... 398  
800-325-0455 ext 109; [www.clccustomleathercraft.com](http://www.clccustomleathercraft.com)

**Custom Wood Turnings pg. 48** ..... 142  
Balusters, newel posts, handrail, porch posts, and legs. Specializing in roping, fluting, & reeding. Any wood species. Literature \$5.50. 860-767-3236; [www.customwoodturnings.com](http://www.customwoodturnings.com)

**Dakota Alert pg. 112** ..... 581  
Wireless driveway alarms. Easy installation. Free literature. 605-356-2772; [www.dakotaalert.com](http://www.dakotaalert.com)

**Dalton Pavilions pg. 104** ..... 343  
Pavilions & gazebos shipped in US and internationally. Free color catalog. 215-721-1492; [www.daltonpavilions.com](http://www.daltonpavilions.com)

**Donald Durham Co. pg. 98** ..... 147  
Rock-Hard Putty. Free literature. 515-243-0491; [www.waterputty.com](http://www.waterputty.com)

**Endless Pools pg. 106** ..... 253  
8' x 15' pool with adjustable current. Free video. 800-233-0741; [www.endlesspools.com](http://www.endlesspools.com)

**Erie Landmark pg. 94**  
Custom-Made Plaques. Free brochure. 800-874-7848; [www.erielandmark.com](http://www.erielandmark.com)

**Evergreen Slate pg. 104** ..... 82  
Nature's finest roofing material. Free literature. 518-642-2530; [www.evergreenslate.com](http://www.evergreenslate.com)

**Golden Flue pg. 84** ..... 159  
Chimney liners. Free information. 800-446-5354

**Gorilla Glue Co. pg. 93** ..... 220  
800-966-3458; [www.gorillaglu.com](http://www.gorillaglu.com)

**Grate Vents pg. 94** ..... 163  
Wooden floor and wall mounted grates. \$2. brochure. 815-459-4306; [www.gratevents.com](http://www.gratevents.com)

**Circle no.**

**Historic Houseparts pg. 98** ..... 266  
Salvaged & reproduction hardware, lighting, plumbing, stained glass, woodwork, mantels, and more. Literature \$4. 585-325-2329; [www.historichouseparts.com](http://www.historichouseparts.com)

**Homesaver pg. 90**  
For restoring great old chimneys in great old homes. Free literature. 800-437-6685; [www.homesaver.com](http://www.homesaver.com)

**House of Antique Hardware pg. 85** ..... 495  
Antique and vintage reproduction house hardware. Online catalog. 888-223-2545; [www.houseofantiquehardware.com](http://www.houseofantiquehardware.com)

**Inclinator Company of America pg. 48** ..... 234  
800-456-1329; [www.inclinator.com](http://www.inclinator.com)

**Kayne & Son Custom Hardware pg. 121** ..... 559  
Custom forged strap hinges, bolts, fireplace tools & accessories, and latch sets. Literature \$5. 828-667-8868

**Kemiko Concrete Stain pg. 20** ..... 519  
Will not fade, chip, or peel and creates an effect similar to marble or stone. Free literature. 903-587-3708; [www.kemiko.com](http://www.kemiko.com)

**King's Chandelier Co. pg. 8** ..... 172  
Chandeliers & sconces—original designs and period reproductions. On-line or \$6 print catalog. 336-623-6188; [www.chandelier.com](http://www.chandelier.com)

**McFeely's Square Drive Screws pg. 112** ..... 423  
Square drive screws are easy to drive and strong too! Free full color catalog. 800-443-7937; [www.mcfeelys.com](http://www.mcfeelys.com)

**Miracle Sealants pg. 86** ..... 591  
800-350-1901; [www.miraclesealants.com](http://www.miraclesealants.com)

**Monarch Radiator Covers pg. 110** ..... 255  
Stock & custom radiator covers. Free literature. 201-507-5551; [www.monarchcovers.com](http://www.monarchcovers.com)

**Nixalite of America pg. 98** ..... 178  
Stainless-steel bird control strips. Free literature. 800-624-1189; [www.nixalite.com](http://www.nixalite.com)

**Oak Leaf Conservatories pg. 8** ..... 583  
High quality conservatories. Literature \$10. 800-360-6283

**Pagliacco Turning & Milling pg. 108** ..... 454  
Custom columns, solid porch parts, newels, balustrades, railings, brackets & more. Free literature. 415-488-4333; [www.pagliacco.com](http://www.pagliacco.com)

**Preservation Products pg. 92** ..... 185  
Acrymax coatings & systems for protecting, sealing, and weatherproofing roofs, walls, and the building envelope. Free literature. 800-553-0523; [www.preservationproducts.com](http://www.preservationproducts.com)

**PRG pg. 110** ..... 270  
Books, borate wood preservatives, epoxies, moisture instruments, masonry analysis tools. Free literature. 800-774-7891; [www.prginc.com](http://www.prginc.com)

**Reggio Register pg. 97** ..... 189  
Cast-brass, cast-iron, cast-aluminum, and wooden heating grilles. Free Literature. 978-772-3493; [www.reggioregister.com](http://www.reggioregister.com)

**Savannah College pg. 46** ..... 503  
CAD e-learning courses. Free literature. 912-525-5100; [www.scad.edu/scadelearning](http://www.scad.edu/scadelearning)

**Screen Tight pg. 46** ..... 469  
800-768-7325; [www.screentight.com](http://www.screentight.com)

**Sheldon Slate Products Co pg. 85** ..... 222  
518-642-1280; [www.sheldonslate.com](http://www.sheldonslate.com)

**Sheppard Doors & Glass pg. 108** ..... 331  
Custom beveled & stained glass, doors, sidelights, transoms, and entryways. Free literature. 832-644-2444; [www.beveldoor.com](http://www.beveldoor.com)

**Shutter Depot pg. 111** ..... 79  
Exterior and interior shutters—all types and sizes. Free literature. 706-672-1214; [www.shutterdepot.com](http://www.shutterdepot.com)

**Shuttercraft Inc pg. 112** ..... 585  
Wood shutters: interior & exterior; movable louver, fixed louver, raised panels, hardware & full painting service. Free literature. 203-245-2608; [www.shuttercraftinc.com](http://www.shuttercraftinc.com)

**Snelling's Thermo-Vac, Inc. pg. 110** ..... 196  
Ceilings and moldings for interior and exterior use. 318-929-7398; [www.ceilingmagnifique.com](http://www.ceilingmagnifique.com)

**Circle no.**

**Specification Chemicals, Inc. pg. 111** ..... 108  
System for repairing cracked plaster walls and ceilings. Free literature. 800-247-3932; [www.nu-wal.com](http://www.nu-wal.com)

**Stairways Inc. pg. 111** ..... 588  
Spiral stairs in steel, aluminum, wood, brass, and stainless. Free brochure. 800-231-0793; [www.stairwaysinc.com](http://www.stairwaysinc.com)

**Stairworld Inc. pg. 110**  
Curved and spiral staircases, stair parts, interior & exterior railing components and columns. Free literature. 800-387-7711; [www.stairworld.com](http://www.stairworld.com)

**Steven Handelman Studios pg. 94** ..... 546  
Original designs of hand-forged iron lighting, fireplace screens, & accessories. Free literature. 805-962-5119; [www.stevenhandelmanstudios.com](http://www.stevenhandelmanstudios.com)

**TK Coatings LLC pg. 86** ..... 448  
Interior wall & ceiling crack repair, exterior waterproof patching compounds, soyoil-based one coat waterproof, weatherproof roof & wall coatings. Free literature. 800-827-2056; [www.tkcoatings.com](http://www.tkcoatings.com)

**Texas Iron Fence & Gate pg. 111** ..... 281  
Literature \$4. 940-627-2718; [www.texasironfence.com](http://www.texasironfence.com)

**Timberlane Woodcrafters Inc. pg. 104** ..... 205  
Shutters. Free color catalog. 800-250-2221; [www.timberlanewoodcrafters.com](http://www.timberlanewoodcrafters.com)

**Touchstone Woodworks pg. 98** ..... 587  
Screen storm doors. Literature \$3. 330-297-1313; [www.touchstonewoodworks.com](http://www.touchstonewoodworks.com)

**Under Glass Manufacturing Corp. pg. 108** ..... 489  
Greenhouses and solariums. Literature \$3. 845-687-4700; [www.underglassusa.com](http://www.underglassusa.com)

**Vixen Hill Manufacturing pg. 108** ..... 109  
Shutters. Free literature. 800-423-2766; [www.vixenhill.com](http://www.vixenhill.com)

**W.F. Norman Corp. pgs. 97 & 98** ..... 402, 211  
Tin ceilings, mouldings, and ornaments of all kinds. Free catalog. 800-641-4038; [www.wfnorman.com](http://www.wfnorman.com)

**Ward Clapboard Mill pg. 97** ..... 212  
Quartersawn Clapboards. Free brochure. 802-496-3581

**Waterlox Coatings pg. 97** ..... 335  
Tung oil and resin provides superior penetration protection to all wood surfaces. Free literature. 800-321-0377; [www.waterlox.com](http://www.waterlox.com)

**YesterYear's Vintage Doors & Millwork pg. 106** ..... 336  
Solid wood doors—Victorian, screen/storm, interior and exterior doors. Free literature. 800-787-2001; [www.vintagedoors.com](http://www.vintagedoors.com)

**Zwick Window Slate Co. pg. 92** ..... 553  
Custom made cloth window shades. Wooden rollers corp operated springless rollers, all sizes. Free literature. 877-588-5200

**Reproduction  
1910-Style  
"Lydia"  
Water Closet  
NEW! 1.6 GPF**

**PLUMBING  
for your  
ANTIQUE  
BATH**

*Original & Reproduction  
Fixtures & Decor  
Hard-To-Find Parts*



*Exclusively from:*

**BATHROOM MACHINERIES**  
209-728-2031 • [www.deabath.com](http://www.deabath.com)  
495 Main Street • Murphys, CA 95247  
*Quality and Service since 1976*

Circle no. 510



# Swaps & Sales—Historic Properties

## Historic Properties Specialists

### MID-ATLANTIC/NORTHEAST

#### Weichert Realtors

Sue August, Director

*"We have a unique marketing program and trained specialists to assist in the sale or purchase of Antique Homes."*

Telephone: 800-736-3638 or 201-445-9500

### DISTRICT OF COLUMBIA

#### Continental Properties, Ltd.

Joseph Himali, Associate Broker

*Specially trained in historic real estate by The National Trust for Historic Preservation*

Telephone: 202-669-4656

Website: [www.BestAddress.com](http://www.BestAddress.com)

### MARYLAND

#### Re/Max Realty Centre

Brooke Fox

*Specializing in Historic & Architecturally Distinct Property*

Telephone: 301-774-5900

Website: [www.HistoricHomesMD.com](http://www.HistoricHomesMD.com)

#### Coldwell Banker Residential Brokerage

Martha Hoyer

*Call Martha for help locating property in Anne Arundel, Queen Anne, Kent, Caroline, Talbot and Dorchester Counties.*

Cell Phone: 410-440-9879; Office 410-263-8686

### NEW YORK

#### Guide Boat Realty, LLC

*"Your Guides to Adirondack Real Estate."*

Telephone: 518-891-1144

Website: [www.guideboatrealty.com](http://www.guideboatrealty.com)

#### Leatherstocking Realty

Rod Johnson

*Specializing in old properties in Cooperstown countryside (our coffee pot is never cold!)*

Telephone: 607-547-9595

Website: [www.leatherstocking.net](http://www.leatherstocking.net)

### VIRGINIA

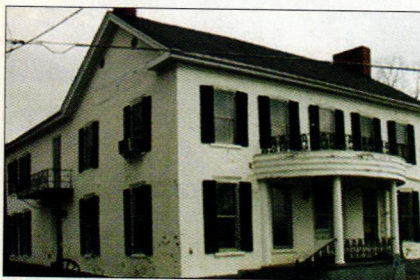
#### Davenport Realty, United Country

John Davenport, Broker/Owner

*"I show and sell old homes with love and enthusiasm. Please see floor plans and photos of current offerings at our website."*

Telephone: 888-333-3972

Website: [www.davenport-realty.com](http://www.davenport-realty.com)



**FLEMINGSBURG, KY**—General Gabriel Evans House, circa 1810. Federal brick house on Court House Square in the center of National Trust Historic District. Complete renovation needed. Beautiful half-circular staircase, unusual wrought iron railing, hand hewn joists, ash flooring. To be sold by bid. Contact Mary Jo Litton, Executive Director of Fleming County Chamber of Commerce, 606-845-1223. [flemingchamber@pqisp.net](mailto:flemingchamber@pqisp.net)

[www.oldhousejournal.com](http://www.oldhousejournal.com)

## SPOTLIGHT PROPERTY

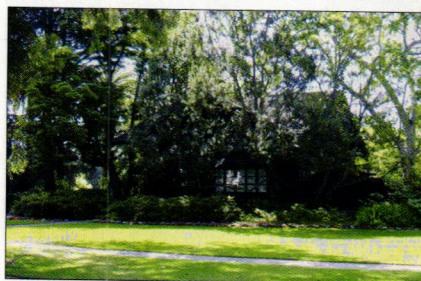


### WASHINGTON, DC—

Welcome to The Ontario, circa 1904 Beaux-Arts luxury cooperative that numerous Washington dignitaries—including Gen. Douglas MacArthur!—have called home. On a 3-acre hill-top, The Ontario is an oasis in the heart of the city. A rarely available 2 bedroom touts 10' ceilings, Victorian gas fireplace, Georgia Pine floors, moldings, transoms & grand 7' high windows. On-site parking, pets welcome & spectacular roof deck with panoramic views of the nation's capital! \$499,900.

**Joseph Himali,**  
**Continental Properties Ltd.**  
202-669-4656.

[www.BestAddress.com](http://www.BestAddress.com)



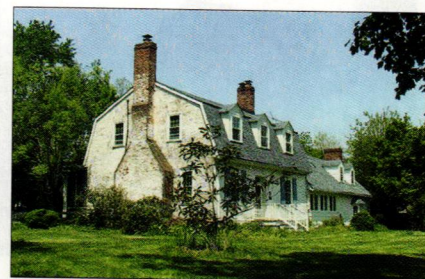
**LONG BEACH, CA**—Designed by classical architects, Greene & Greene, this elegant 7 bedrooms, 3 bath home resides on the National Register of Historic Places. Featuring a lovely pool, gymnasium, wine cellar & sauna, surrounded by magnificent, lush greenery in exclusive Virginia Country Club of Long Beach. \$2,550,000. For information, please call 562-621-0903 or visit [www.marnabrennan.com](http://www.marnabrennan.com). Marna Brennan, First Team Real Estate.



**JASPER, IN**—Enjoy small town living and have extra income while living in magnificently restored home. 5 bedrooms, 4 1/2 baths. You'll love the original oak flooring w/walnut banding and the attention to detail throughout. Located near Dubois County Courthouse, this 1878 Second Empire is operated as the Powers Inn B&B. This home is a must see...call Gwen for showing 812-449-5067. [www.gwaltneyteam.com](http://www.gwaltneyteam.com).



**ANNAPOLIS, MD**—Historic Iglehart, circa 1811. On National Register of Historic Places. 3 finished levels with cellar. 5 Bedrooms 2 Baths. Library with built-ins. 4 fireplaces with original mantles. Original hardwood flooring, horsehair plaster walls, doors and hardware. Cypress siding. Detached carriage house. New systems: electric, plumbing, heating & cooling. Complete visual tour: [www.Iglehart1811.com](http://www.Iglehart1811.com) \$829,000 Donna Turner, Champion Realty, Inc. 800-847-9990



**DERWOOD, MD**—"The Ridge" circa 1733. Historic farmstead of Revolutionary War patriot Col. Zadock Magruder. Remarkable home is perhaps the oldest unaltered brick residence of this type in Montgomery County. Features include original woodwork, flooring, doors, windows & hardware, as well as expansive 9' wide stone cooking fireplace. On National Register of Historic Places. Brooke Fox, Re/Max Realty Centre 301-774-5900 Ext. 166



## SPOTLIGHT HOUSE



**APALACHICOLA, FL**—Winner 2001 Florida Chrysalis Award for historic restoration. 1892 Victorian in Historic Apalachicola, 1000' from Apalachicola Bay and the Gulf of Mexico. 3 Fireplaces, library, heart pine floors, heated bathroom floors, gourmet kitchen, wet bar, butler's pantry, alarm, sprinkler system for lawn. Apalachicola offers uncrowded, slow paced beach/bay life without traffic lights, high-rise buildings, amusement parks or shopping malls. Instead we have 29 miles of white powdery beaches, great fishing, birding, swimming, boating, estuary tours and the best oysters in the world! **Beverly Austin**, 850-653-4959

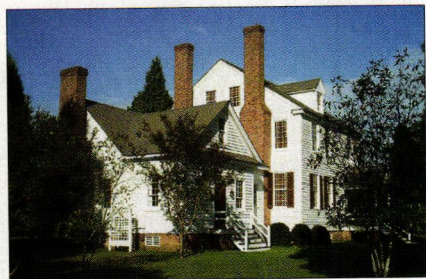


**DAVIS CITY, IA**—Revisit the past! Early 1900s home boasts 4 bedrooms, 1 bath, oak staircase, original woodwork, pocket door, finished attic, wraparound porch & more. On 10 IA acres near state park. \$109,000.

United Country—1-800-999-1020, Ext 108.

[www.unitedcountry.com/old](http://www.unitedcountry.com/old)

*American Treasures* – a FULL COLOR magazine of older and historic properties for sale. Just \$3.95.



**ENFIELD, NC** —Well-restored 1820 plantation on 50 acres. The Gray-Brownlow-Willcox House, on National Historic Register. Federal style, 4000+ sq. ft., 4 bedrooms, 2 baths, parlor, keeping room and more. Modern amenities throughout. Barn, 2 other outbuildings. Part of home once used as LaVallee School for daughters of local planters. Formal gardens, meadows and woods. Photos and more at [www.GrayHallNC.com](http://www.GrayHallNC.com). \$640,000. Gail Wiesner 919-247-5183; [gwiesner@nc.rr.com](mailto:gwiesner@nc.rr.com)

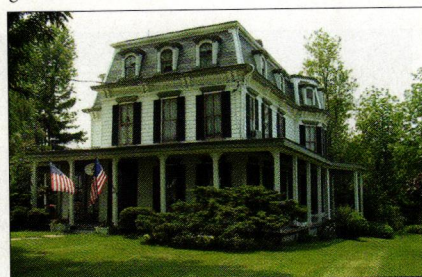


**BLOWING ROCK, NC**—"Miramichi" at Mayview Park circa 1927. Grand lodge features soaring ceilings, hand-hewn chestnut beams, 4 stone fireplaces, chestnut paneling, huge windows, interior and exterior stonework. Period light and bath fixtures. 6 bedrooms, 4 baths, 2 half baths, plus 4 car garage w/restorable living quarters above. Rests on .843 acres overlooking the John's River Gorge. \$3,795,000. Blowing Rock Properties, Inc. 800-849-0147.

[www.blowingrockproperties.com](http://www.blowingrockproperties.com).



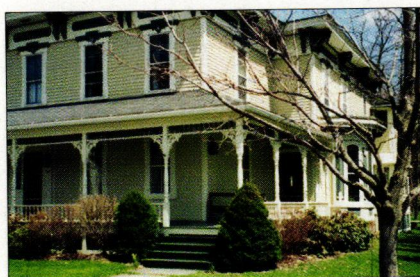
**RANCHOS DE TAOS, NM**—3 centuries of security. Built 1690s (early carved shelves) to 1900s (zoned natural gas heat) 2/10 mile from famous St. Francis Assisi Church and plaza. 2400 sq. ft. 11 rooms, 4 kivas, 2 wood stoves. Beamed 9'10" ceilings. 1/3 acre lot, 2 portals with private, perennial gardens. FSBO \$375,000, terms negotiable. Call 505-758-8169 for details, photos, appointments. Return call guaranteed.



**CAPE VINCENT, NY**—On Historic Register—Former home of General Sackett boasts 11 bedrooms, 4 baths, formal dining w/fireplace, parlor w/fireplace, library & much more all restored in period décor & colors. On 3+ acres w/carriage house & gazebo. \$420,000.

United Country – 1-800-999-1020, Ext 108. [www.unitedcountry.com/old](http://www.unitedcountry.com/old)

*American Treasures* – a FULL COLOR magazine of older and historic properties for sale. Just \$3.95.

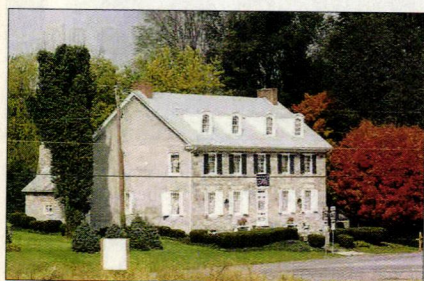


**EDMESTON, NY**—Circa 1880 house carefully maintained and up-dated. 10 rooms, 4 bedrooms, 1 1/2 baths, wrap-around front porch, large 3/4 acre lot with creek and 2 bay carriage barn. Wood-burning fireplace, custom cherry kitchen, colonnades with bookcases, open staircase, sleeping porch and large screened porch. Quiet village near Cooperstown. Leatherstocking Realty, "The Old House People" Rod Johnson, Broker: 607-547-9595 [www.L Leatherstocking.net](http://www.L Leatherstocking.net)

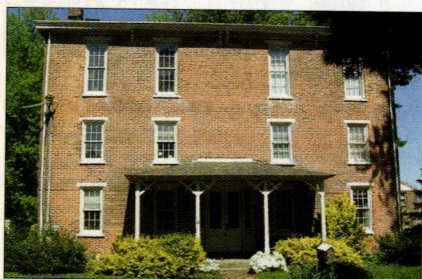


**ELIZABETHTOWN, NY**—Stony Water, grand Adirondack home, circa 1870, redesigned in 30s by Rockwell Kent. Poet Robert Frost was frequent visitor. +/- 87 acre property consists of farmhouse w/attached 2 car garage w/apartment, guest cottage, 2 bedroom guest house, barn w/6 stalls, gazebo, 2 brooks, 2 ponds, 20 acres of fenced pasture, all in pristine condition. Exclusive \$725,000. Guide Boat Realty, LLC. [www.guideboatrealty.com](http://www.guideboatrealty.com). 518-891-1144





**CARLISLE, PA**—Circa 1788 10 bedrooms, 10 fireplaces. Historic charm and style. Former Rest Stop and Old Limestone tavern on 10.8 acres. Just 2 hours from major cities. Great for family retreat, corporate retreat, or bed and breakfast. Well preserved home with original barn, Brick Toll House, and pool. Visit [www.cumberlandhall.vze.com](http://www.cumberlandhall.vze.com) for more pictures. \$799,900. B-H Agency GMAC Real Estate. 717-243-1000.

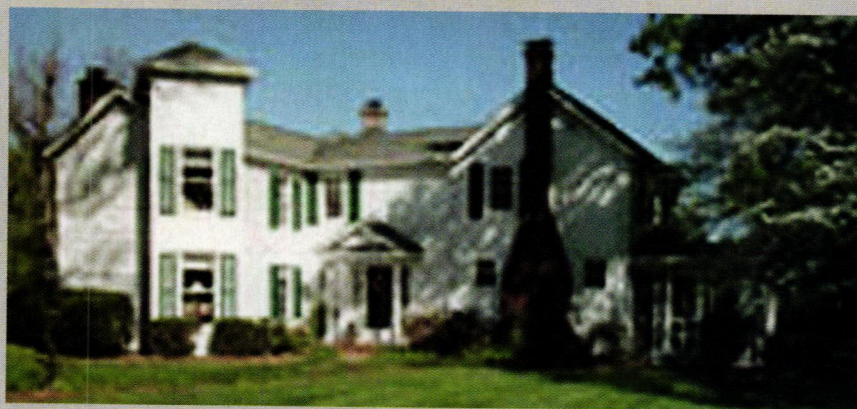


**MEDIA, PA**—1850 Odd Fellows Society Hall. Completely renovated into 4 bedrooms, 2 baths, 2 powder rooms. Original Pa. red pine floors; doors—including two “password” doors; wooden ventilation system; podium; Minutes; deed. Third floor, 26' x 40' with separate entrance and utilities, multiple uses: office, more bedrooms. Convenient to Philadelphia, Wilmington. \$450,000. Judy Greene 610-909-0491 Prudential Fox and Roach.



**CHARLOTTE COUNTY, VA**—Circa 1934 home on 11 acres with huge oaks. Possible “B&B.” Over 2000 sq. ft. with 4 bedrooms. Porches and living areas on the first floor with the bedrooms upstairs. Unfinished attic with staircase. Separate large office and storage building. \$193,000. Floor plans & photos for Home #3700 at: [www.davenport-realty.com](http://www.davenport-realty.com). For color brochure, 888-333-3972 (24-hours). United Country Davenport Realty, Keysville, Virginia.

## SPOTLIGHT HOUSE



**CROWNSVILLE, MD**—Charming Federal style farmhouse dates back to Revolutionary War. Poplar Hill features 6 bedrooms, 2 1/2 baths, 3 working fireplaces and award winning kitchen. 2 screened porches, large oversized garage, greenhouse and workshop. Maintenance free exterior, central air and many other upgrades...all done in keeping w/the character of the house. 2.6 acres of rolling lawns, mature trees, rock garden, lily pond, and many perennials. Easy commute to Annapolis, Washington and Baltimore. \$1,250,000. **Martha Hoyer, Coldwell Banker Residential Brokerage.** 410-440-9879; 410-263-8686.



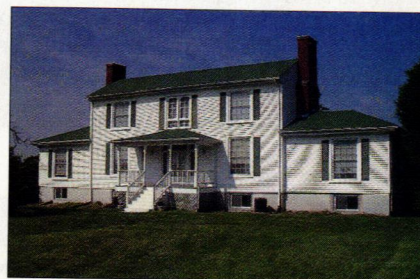
**SOCIETY HILL, SC**—Antique home situated on a wooded knoll, approximately 3+ acres. This historic home boasts original floors of heartpine and original moldings/mantels. The basement kitchen/servants quarters are a preservationist's dream. 5000+ sq. ft., heated and unheated, 3 bedrooms, 2 baths, front porch, 150 year-old barn. Many trees on the property are nearly 200 years old. \$209,000 Lee Real Estate, 843-537-5227; [www.MLeeRealty.com](http://www.MLeeRealty.com)



**CENTRALIA, VA**—“Cline House” circa 1879. Striking Eastlake awaits your restoration. Large rooms with most original components including woodwork, floors, mantels, windows. 2700 +/- sq. ft. 4 fireplaces. Walkup attic. Basement. Patio. 2 large porches. 5 private acres of mature plantings. 2 car garage. \$219,000. Dave Johnston “The Old House Man” 804-321-8171 or [AntiqueProperties.com](http://AntiqueProperties.com)



**PETERSBURG, VA**—Extremely low maintenance! The world doesn't know whether you are at home or at the beach! Your guests stand on the mezzanine in awe, and your relatives are a little too eager to inherit a circa 1869 rowhouse on fashionable High Street! An absolutely gorgeous historic home w/almost every amenity possible! Carla Takacs @ Swearingen Realty 804-712-4060 or 804-524-4925 or [takacs@swearingenrealty.com](mailto:takacs@swearingenrealty.com)



**RED OAK, VA**—Lob Lolly Plantation. Circa 1857 on 25 acres. 4300 sq. ft., heart of pine floors. Most original workmanship intact. 10' ceilings on first floor. 5 room English basement. Several out-buildings including 2-storey stable & hay barn. 30' covered deck with picturesque views. Horse Country. Central HVAC. Pool. Additional home on property with separate utilities. \$399,000 Antique Properties, Max Sempowski—Realtor 434-391-4855 [www.oldhouseproperties.com](http://www.oldhouseproperties.com)



## SPOTLIGHT HOUSE



**HINESBURG, VT**—Beautiful brick colonial. 3800 sq. ft. w/fine architectural details of the 1800s. Formal living & dining rooms, butternut paneled library, kitchen & breakfast room w/terrace & fireplace. 5+ bedrooms, 3 full baths, master suite w/separate staircase & balcony. Wide pumpkin pine floors, feather painted doors & wooded window panels. 2 car garage. 12+ acres, suitable for horses. \$449,000. **Greentree Real Estate, Bill and Phyllis Martin.** Specializing in beautiful Champlain Valley Vermont, from Middlebury to Burlington. Toll Free 866-570-4100; gtre@gmavt.net; www.vermontgreentree.com

## SPOTLIGHT HOUSE



**CUMBERLAND COUNTY, VA**—"West Hill", circa 1807 home —over 550 acres with one mile frontage on the Appomattox River. Main house has 3 bedrooms, 4 bathrooms, central air, nearly 4000 sq. ft. living space with 11'5" ceilings, English basement, 7 non-working fireplaces, 9-over-6 pane windows. Guest house with 3 bedrooms. Artist's studio. Located near the future equestrian center of Southern VA. \$3,300,000. Floor plans & photos for Home #3780 at: [www.davenport-realty.com](http://www.davenport-realty.com). For color brochure, 888-333-3972. **United Country Davenport Realty**, Keysville, Virginia.

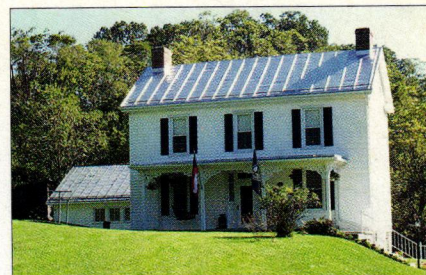
### Classifieds

**PETERSBURG, VA**—Live in an 1860s restored brick mansion! Featured in *Restore America* & *Southern Living*: 5200 sq.ft., 5 bedrooms, 3 1/2 baths, new mechanicals, acre of gardens. Only \$209,900. 305-322-4604 or 804-247-3865

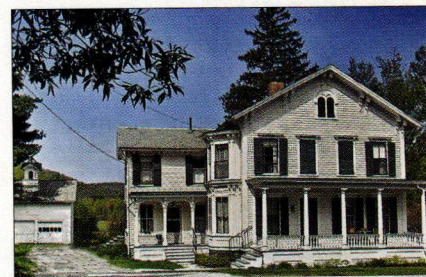
### OLD-HOUSE JOURNAL'S Historic Properties

60 word description  
+ color photo for \$525

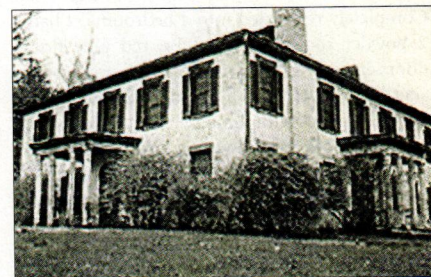
Email or call Sharon Hinson or  
Marjorie Ellena  
[ohj@historicproperties.com](mailto:ohj@historicproperties.com)  
or 888-507-0501



**SHENANDOAH COUNTY, VA**—A "little piece of heaven" tucked away in the Shenandoah Valley. Drink from the well where soldiers from both the North and the South stopped to rest. Sit on the porch overlooking 19 acres of verdant meadows and rolling hillside. The house, recently renovated, offers the finest grain painting ever produced in the Valley. Call Mary Nordman at Historic Properties, Inc. 888-830-2678. \$449,000



**MIDDLETOWN SPRINGS, VT**—1852/1875 Italianate, National and State Registers, in village Historic District on 1 acre, carriage barn. Home of horsepower machinery inventor and entrepreneur A.W.Gray. Unrestored gem with original details, early wall coverings, serpentine stairway, bay window. 3000 sq. ft., 2 baths, 5 bedrooms. \$250,000. Owner, PO Box 1565, Castleton, VT 05735. 802-235-2376; montvert@vermontel.net



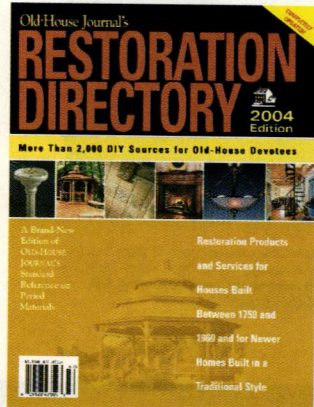
**POINT PLEASANT, WV**—Poplar Grove Estate, spacious hilltop manor dates back to just after the Revolutionary War. Ohio River view. Rolling terrain with ponds, overhanging rock ledges, trees, trails, and peaceful vistas. Property is mostly fenced. There are some outbuildings. Perfect for equestrian bed-and-breakfast, cattle ranch, horses, tree farm. Hunter's paradise with wild turkey and deer. Robert Deis, Buckeye Real Estate, 614-294-4411.

**HISTORIC PROPERTIES**  
Your Source for Buying and Selling Historic Properties

**www.HistoricProperties.com**—The best selection of historic properties available for sale throughout the US. All styles from colonial to early 1950s and eclectics, from renovation projects to completed homes. On the Web at [www.HistoricProperties.com](http://www.HistoricProperties.com)



An OLD HOUSE is being restored.  
A New House is being built in a  
traditional style. You need the  
2004 OLD-HOUSE JOURNAL'S  
RESTORATION DIRECTORY



2004 Edition

Call to order 202.339.0744  
\$9.95 (plus \$5.00 for shipping  
and handling)

Where To Find  
Hard-To-Find Stuff



Old-House  
JOURNAL

When contacting  
companies you've seen in  
this issue, please tell  
them you saw their ad in  
OLD-HOUSE JOURNAL

To SHOWCASE your products,  
your ad should appear in the  
next issue of

OLD-HOUSE JOURNAL.

The best source for readers  
interested in  
buying YOUR PRODUCTS for  
their restored homes.

To reserve your space, call or  
email Tammy Dennis  
201-653-9938  
tdennis@restoremedia.com

## Architectural Services

ARCHITECTURAL SERVICES—Thoughtful and knowledgeable architectural preservation services that meet owners' needs and respect their buildings. Consultations and full services: building assessments, research, technical assistance, design, architectural services for restoration, conservation and addition. The Office of Allen Charles Hill, AIA, Historic Preservation & Architecture, 2 Lisa Drive, Woburn, MA 01801. (781) 376-9236.  
<http://home.att.net/~allen.hill.historic.preservation/>

## Education

CONSIDERING A PRESERVATION CAREER?—Visit the National Council for Preservation Education's guide to historic preservation undergraduate, graduate, allied degree and certificate programs. [www.uvm.edu/histpres/ncpecharts](http://www.uvm.edu/histpres/ncpecharts)

## Flooring

WIDE PLANK FLOORING—Random widths, long lengths. New and reclaimed woods, select and rustic grades. The appropriate choice for the restoration of any period.  
[www.countryplank.com](http://www.countryplank.com)

WIDE PLANK FLOORING—Beautiful color & character, 150-200 year old Heartpine. 75%-100% Heartwood. WIDE 6" - 12" Widths. LONG 12' - 16' Lengths. Outstanding Prices. Immediate Delivery. (919) 782-2778.

## Help Wanted

RESTORATION CARPENTER/JOURNEYMAN for seasonal or year round work on Eastern Long Island, NY. Optional housing available. Call (631) 734-7474, Fax (631) 734-5812, Email: [eei1@optonline.net](mailto:eei1@optonline.net)

## Lumber

LUMBER—Hand hewed beams, antique lumber, antique doors, walnut stair railing, siding, glazed ceramic finial. Evenings only: (419) 562-1656

## Paint & Varnish Removing

EVERYONE DREAMS IN COLOR—For twenty years, our exterior color schemes have made dreams come true. The Color People, 2231 Larimer Street, Denver, CO 80205. (800) 541-7172. [www.colorpeople.com](http://www.colorpeople.com)

PAINT AND VARNISH REMOVING  
Remove 30 coats of paint or varnish in 30 seconds with infrared heat. No chemicals or grinders.  
Ph (585) 924-8070; [www.silentpaintremover.com](http://www.silentpaintremover.com)

## Roofing Restoration

ROOFING RESTORATION—Specialists in terne ("tin") and copper - flat locked and soldered or standing seam; slate and wood shingles. Will travel; contact Jim Staats—owner/artisan. (518) 767-2712; [www.vanguardroofing.net](http://www.vanguardroofing.net)

## Stairs

SPIRAL STAIRS—Affordable all-wood kits. Decorative open riser straight stair kits. Matching balcony rails. Precision Pine, Inc. Toll-free (877) 885-8902 [www.spiralstaircase.com](http://www.spiralstaircase.com)

## Structural Repairs

STRUCTURAL RESTORATION SPECIALIST 34 years experience in jacking, squaring, sill & timber replacement for Early American homes, barns and log cabins. Consulting services by appointment. We will travel anywhere. George Yonnore Restorations. (413) 232-7060

## Windows

FOR BUILDING RESTORATION - Beautiful high quality double-hung wood windows in excellent condition. Well over 100 years old. Six individual lights per pane. Phone (724) 527-1700

## Antiques

ANTIQUES COURSE

**Would You Like To Be An Antiques Dealer?**

Since 1966 The Asheford Institute of Antiques has been offering a Profit and Pleasure home study course that has tremendous financial and personal rewards

**Professional Level Home Study**

You Can: Start your own business from home • Choose the hours you wish to work • Simply make your home more beautiful • Become a competent appraiser • Learn to sell online • Complete a serious course with Diploma

**ASK HOW...HERE**

Name _____	<p>For a FREE booklet mail coupon to:</p> <p><b>ASHEFORD INSTITUTE OF ANTIQUES</b></p> <p>775 Gulf Shore Dr. Dept. #330HJ8 Destin, FL 32541</p>
Address _____	
City _____	
State _____ Zip _____	

**www.asheford.com**

Circle no. 312

## Custom Hardware

**www.customforgedhardware.com**

**Kayne and Son Custom Hardware, Inc.**  
Dept OHJ  
100 Daniel Ridge Road  
Candler, N.C. 28715  
(828) 667-8868 or 665-1988  
Fax: (828) 665-8303

- Reproductions & Restorations
- Builders/Architectural Hardware
- Custom Forging
- Cast Brass & Bronze
- Custom Hinges & Thumbatches
- Fireplace Tools & Accessories

Catalogs \$5.00

Circle no. 559



**Historic District Charmer!**

s lovely restored circa early 1900's home exudes charm. 2 Story 3 Bdrm. Ba., in the heart of Punta Gorda! Fireplace, Wood Floors, large Deck, Fa. Rm. Over 2300 S.F. living. **On corner lot plus adjoining Lot.** Possibilities galore!



## District Si, House No

We're encouraged to learn that this Punta Gorda, Florida, structure isn't selling like hotcakes. Former owners (who reportedly made these changes in the 1960s) didn't seem to miss porches, both of the veranda variety and the second-level sleeping sort, so welcome on a subtropical night. The turn-of-the-century, two-and-a-half storey shingled structure on the edge of the town's historic district has lost not only its architectural character but its regional flavor. Unlike its unremuddled neighbor (top left), it even lacks palm trees in front. 🌴

**Win \$100** If you spot a classic example of remuddling, send us clear color prints. We'll award you \$100 if your photos are selected. The message is more dramatic if you send along a picture of a similar unremuddled building. (Original photography only, please; no clippings. Also, we reserve the right to republish the photos online and in other publications we own.) Remuddling Editor, OLD-HOUSE JOURNAL, 1000 Potomac Street, NW, Suite 102, Washington, DC 20007.

OLD-HOUSE JOURNAL (ISSN 0094-0178) is published bimonthly for \$27 per year by Restore Media, LLC, 1000 Potomac St., NW, Suite 102, Washington, DC 20007. Telephone (202) 339-0744. Subscriptions in Canada \$35 per year, payable in U.S. funds. Periodicals postage paid at Washington, D.C., and additional entries. Postmaster: Send address changes to OLD-HOUSE JOURNAL, P.O. Box 420235, Palm Coast, FL 32142-0235.